1940

YEAR BOOK

of the

Massachusetts Horticultural Society

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1940

YEAR BOOK

OF THE

MASSACHUSETTS HORTICULTURAL SOCIETY

WITH THE

ANNUAL REPORTS

FOR 1939

a 7099

Foreword

The Committee on Lectures and Publications has the honor to present herewith the seventeenth number of the Society's *Year Book,* with which is combined the annual reports for the year 1939.

ELMER D. MERRILL, *Chairman.*

Boston, Mass.
May 6, 1940.

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*Members ex officio.
Dates given are those of expiration of terms.

Mr. William Ellery

Re-elected a vice-president at the annual meeting, May 6, 1940.

COMMITTEES OF THE SOCIETY

For the Year Ending May 5, 1941

Executive Committee

EDWIN S. WEBSTER, Chairman

JOHN S. AMES — WILLIAM ELLERY
OAKES AMES — WALTER HUNNEWELL

Finance Committee

EDWIN S. WEBSTER, Chairman

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RAY M. KOON, Chairman

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Committee on Prizes

WILLIAM P. WOLCOTT, Chairman

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GEORGE HEWITT — EDWARD F. NORBERG

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CHARLES K. CUMMINGS, Chairman

OAKES AMES — MRS. S. V. R. CROSBY

Committee on Lectures and Publications

ELMER D. MERRILL, Chairman

MRS. JOHN G. COOLIDGE — MRS. ROGER S. WARNER

Committee on Special Medals

OAKES AMES, Chairman

HARLAN P. KELSEY — HAROLD S. ROSS
RAY M. KOON — WILLIAM P. WOLCOTT

Committee on Gardens

WILLIAM ELLERY, Chairman

WINTHROP L. CARTER — FLETCHER STEELE
HAROLD S. ROSS — ROBERT G. STONE

Committee on Building

CHARLES K. CUMMINGS, Chairman

GEORGE W. BUTTERWORTH — EDWIN S. WEBSTER

Committee on Children's Gardens Exhibitions

MISS MARIAN ROBY CASE, Chairman

THOMAS P. DOOLEY — DANIEL W. O'BRIEN

Committee on the Albert C. Burrage Gold Vase

WALTER HUNNEWELL, Chairman

ALBERT C. BURRAGE, JR. — HAROLD S. ROSS
RAY M. KOON — WILLIAM P. WOLCOTT

Nominating Committee

MISS MARIAN ROBY CASE — HARLAN P. KELSEY
CHARLES K. CUMMINGS — FLETCHER STEELE
MRS. ROGER S. WARNER

Mrs. John Gardner Coolidge
Elected a trustee at the annual meeting, May 6, 1940.

Medals and Certificates Awarded in 1939

The Albert C. Burrage Gold Vase

Mr. and Mrs. Edwin S. Webster, Chestnut Hill, for a chrysanthemum garden at the Autumn Show.

George Robert White Medal of Honor

Dr. George T. Moore, Director of the Missouri Botanical Garden, St. Louis, Mo.

Thomas Roland Medal

August Koch, Superintendent of Park System, Chicago, Ill., for development of glassed-in gardens in Garfield Park.

Jackson Dawson Memorial Medal

Walter D. Brownell, Little Compton, R. I., noted scientific rose breeder and responsible for several important new rose varieties.

President's Cup

Albert A. Hulley, for a rose garden at the Spring Show.

Gold Medal of the Horticultural Society of New York

Ernest Borowski, for a group of azaleas at the Spring Show.

Gold Medal of The Pennsylvania Horticultural Society

Edwin S. Webster, for a group of orchids at the Spring Show.

Beacon Hill Garden Club Cup

Chestnut Hill Garden Club, for the most charming garden club exhibit at the Spring Show.

Trophy of the Massachusetts Department of Agriculture

Albert A. Hulley, for a rose garden at the Spring Show.

Sarah Todd Bulkley Silver Medal of the Garden Club of America

Mrs. Irving C. Wright, chairman, Massachusetts Garden Clubs Exhibition Committee, for the exhibit of outstanding beauty.

Crystal Vases

Mrs. J. D. Cameron Bradley, for camellia Mrs. Williams, best single bloom in the show.

A. Frylink & Sons, Inc., for daffodil Seraglio, best bloom in the show.

Mrs. R. M. Saltonstall, for darwin tulip Venus, best bloom in the show.

Large Gold Medals

Col. R. H. Montgomery of the Fairchild Tropical Garden, Coconut Grove, Florida.

Mrs. Elizabeth Peterson, executive secretary of the Horticultural Society of New York.

Dr. William A. Taylor, Washington, D. C., formerly head of the Bureau of Plant Industry in the United States Department of Agriculture.

Gold Medals

Dr. Thomas Barbour, for a display of vegetables.

Ernest Borowski, for a group of azaleas.

Ernest Borowski, for a group of azaleas at the Spring Show.

Joseph Breck & Sons, for a display of daffodils at the Spring Show.

Cherry Hill Nurseries, for a comprehensive exhibit of peonies, rhododendrons and azaleas.

W. N. Craig, for a collection of rock and alpine plants at the Spring Show.

Mr. and Mrs. Francis B. Crowninshield, for a group of chrysanthemums.

Mr. and Mrs. Francis B. Crowninshield, for a display of sweet peas.

Sherman W. Eddy, for a knot garden at the Spring Show.

Garden in the Woods, Will C. Curtis, for a naturalistic garden at the Spring Show.

Gardner Museum, for a group of chrysanthemums.

Alexander I. Heimlich, for a rock garden at the Spring Show.

Herb Society of America, for a monastic garden at the Spring Show.

Albert A. Hulley, for a rose garden at the Spring Show.

F. W. Hunnewell, for a group of orchids at the Spring Show.

Lager & Hurrell (at New York), sweepstake for best exhibit in orchid section.

Massachusetts Garden Clubs Exhibition Committee, for the horticultural excellence and tasteful design of an early New England house and its gardens staged at the Spring Show.

Massachusetts State College, for an educational display of apples.

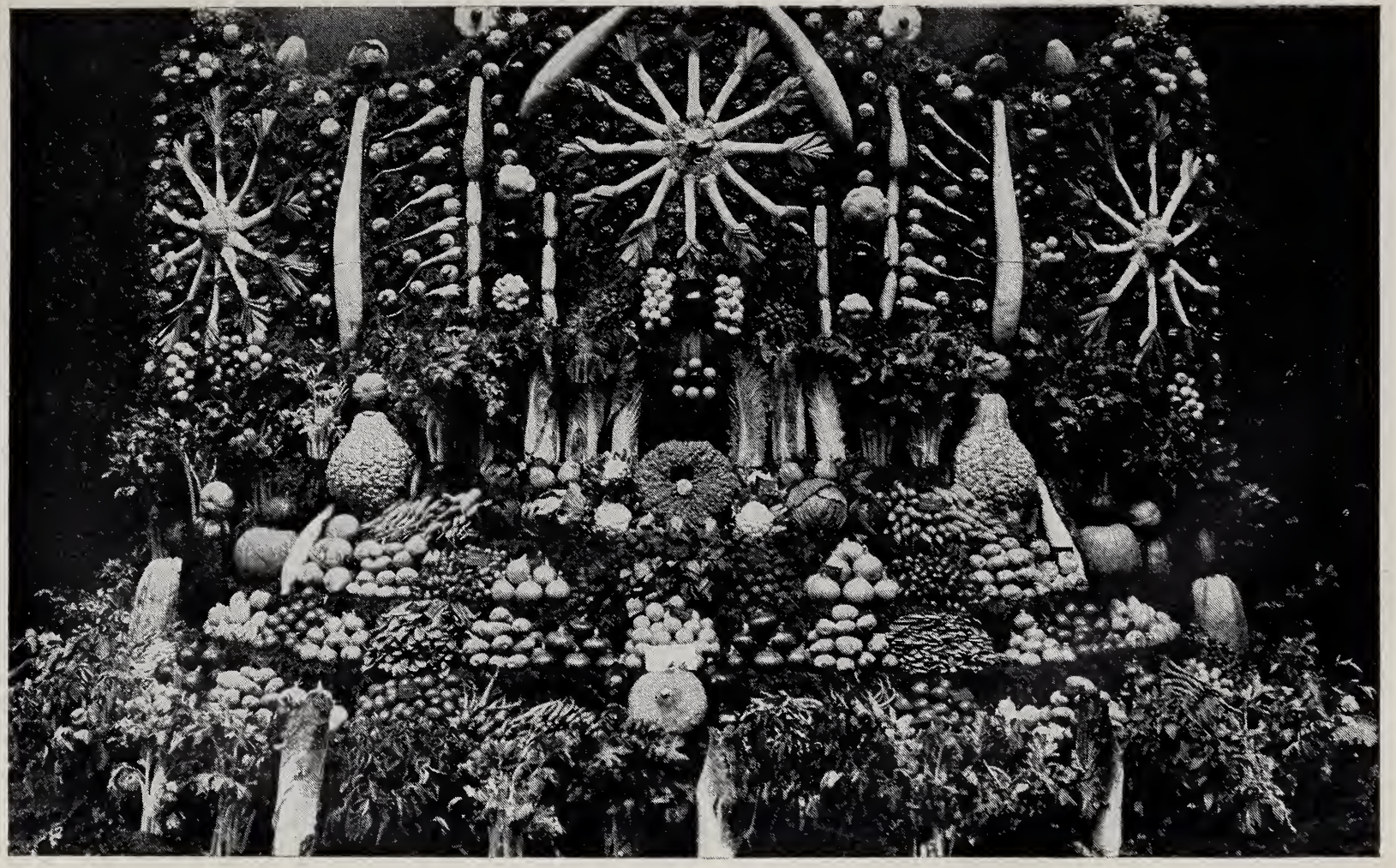
Mrs. Flagler Matthews, for a display of daffodils.

New York State Agricultural Experiment Station, for a display of seedling grapes.

Providence Garden Club (at Philadelphia), for treatment of a bay window.

Seabrook Nurseries, for a display of gladiolus, the most meritorious exhibit in the Gladiolus Show.

Mr. and Mrs. M. M. Van Beuren, for an exhibit of lilies at the Spring Show in 1938.



A decorative display set up for Dr. Thomas Barbour by his gardener, Louis Campagnolo, at the Fruit and Vegetable Show, Horticultural Hall, 1939.

Wm. T. Walke & Sons, Inc., for a group of amaryllis at the Spring Show.
Edwin S. Webster, for a group of chrysanthemums.
Edwin S. Webster, for a group of orchids at the Spring Show.

Silver Medals

L. Sherman Adams Company, for a group of orchids.
George P. Barr, for a display of carnations at the Spring Show (2).
Edward B. Barry, for dahlia Lou Barry, best vase of seedling dahlias of New England origin, three or more blooms, three years old.
Bay State Nurseries, Inc., for an informal garden at the Spring Show.
Ernest Borowski, for a group of chrysanthemums.
Mrs. J. D. Cameron Bradley, for a display of camellias and camellia plants.
Joseph Breck & Sons, for a display of daffodils.
Joseph Breck & Sons, for an educational display of daffodils at the Spring Show.
Joseph Breck & Sons, for general excellence of trade booth at the Spring Show.
Mrs. F. F. Brewster, for a group of cinerarias at the Spring Show.
Cape Cod Nurseries, for a Spring garden at the Spring Show.
Cherry Hill Nurseries, for an azalea and rhododendron garden at the Spring Show.
W. N. Craig, for a display of lilies and perennials.
A. Frylink & Sons, Inc., for a display of daffodils.
Gardner Museum, for a group of gloxinias.
Wilhelmina F. Greene, for a collection of paintings of subtropical flowers.
Thomas J. Grey Company, for general excellence of trade booth at the Spring Show.
Botanical Museum of Harvard University, for an exhibit showing the origin of geographical food plants of the world at the Spring Show.
C. B. Johnson, for two plants of carnation Virginia Rose at the Spring Show.
Little Tree Farms, for a French garden at the Spring Show.
Massachusetts Department of Conservation, for a hydrological cycle at the Spring Show.
Edward F. Norberg, Jr., for a group of hydrangeas at the Spring Show.
North Shore Horticultural Society, for an Irish garden at the Spring Show.
North Shore Horticultural Society, for a Moorish garden at the Spring Show.

North Street Greenhouses, for a display of pansies at the Spring Show.
A. N. Pierson, Inc., for a display of roses at the Spring Show.
City of Quincy, for a display of grape varieties.
Professor A. P. Saunders, for a display of peonies.
Mrs. Galen L. Stone, for a group of cypripediums.
Mrs. Galen L. Stone, for a group of miltonias.
John Sullivan, for begonia Exquisite.
G. Thorndike Trull, for a display of vegetables.
Vaughan's Seed Store, for general excellence of trade booth at the Spring Show.
Wm. T. Walke & Sons, Inc., for a group of chrysanthemums.
Fred P. Webber, for a display of dahlias.
Edwin S. Webster, for a group of cypripediums.
Edwin S. Webster, for a group of orchids.
Weston Nurseries, Inc., for a medieval garden at the Spring Show.
Weston Nurseries, Inc., for a naturalistic garden at the Spring Show.
White & Franke, Inc., for general excellence of trade booth at the Spring Show.
Miss Elizabeth Woolley, for a Roman peristyle garden at the Spring Show.
Miss Elizabeth Woolley, for a Tudor-American home lighted for Christmas.
Rocco Zeparo, for a group of camellias at the Spring Show.

Bronze Medals

Miss Margaret B. Brigham, for collection of Autumn fruits, pods and nuts.
W. Atlee Burpee Company, for general excellence of trade booth at the Spring Show.
Butterworth's, for *Phalænopsis amabilis*—white.
F. I. Carter & Sons, for miniature plant baskets.
F. I. Carter & Sons, for plants in ornamental containers.
Nello Fiorio, for a collection of herbs.
Fraser's Flowers, for a display of cut flowers.
George P. Gardner, Jr., for a group of white flowering plants at the Spring Show.
Jamaica Plain High School, for a model of a park for the City of Boston at the Spring Show.
Meloripe Fruit Company, for general excellence of trade booth at the Spring Show.
Mrs. R. M. Newman, for an exhibit of mosses at the Spring Show.
John D. Runkle School, for a model of a section of the Public Garden at the Spring Show.
Waltham Field Station, for a display of annuals and perennials.

Bronze Medals for Children's Garden, donated by Miss Marian Roby Case, Hillcrest Gardens, Weston, Massachusetts

George Babits, Greenfield
Jacqueline Brown, Saxonville
Lois Chase, West Yarmouth
Gussie DeVasto, Roslindale
Robert Dyer, South Braintree
Henry A. Dymsza, Reading
Nello F. Fiorio, Milton
William Gidney, Orange
Roy and Donald Gorman, Dodgeville
Milton Gray, Jr., Brewster
Willis Gray, Littleton
Daniel Hallisey, West Side, Brockton
Ernest and Edward Jensen, Granville
Frank Joyner, Cummington
Lloyd Lawson, Campello
Fred A. LeShane, Brookline
Barbara Marshall, Reading
Ruth Martin, West Roxbury
Priscilla Olsen, Islington
John R. Potter, Jamaica Plain
Ralston Read, Jr., Rehoboth
Shirley Read, Rehoboth
Marguerite and Genevieve Sherwood, Chester
Rose Scheinost, Southampton
John Stragvalursi, East Side, Brockton
William H. Tobin, Natick
Rose Vartanian, Hopkinton
William Vickery, Brockton
Edgar W. Wentworth, Manchester
Joseph Wheeler, Concord

First Class Certificates

Azalea Sander Alice Sargent, exhibited by Ernest Borowski.
Azalea Sander Mary Robeson Sargent, exhibited by Ernest Borowski.
Chrysanthemum Pomponette, exhibited by Bristol Nurseries, Inc.
Cypripedium Fire King, exhibited by Edwin S. Webster.
Cypripedium Gwen Hannen var. Field Marshal, exhibited by Edwin S. Webster.
Rhododendron Annie Lawrence Lamb, exhibited by Mrs. Horatio A. Lamb.
Rose Lucile Hill, exhibited by the Jos. H. Hill Co.

Awards of Merit

Angulocaste Georgius Rex, exhibited by Edwin S. Webster.
Brassocattleya Albion var. Ina Claire, exhibited by Edwin S. Webster.
Brassocattleya Hartland, exhibited by Edwin S. Webster.
Carnation Abba Coe, exhibited by Wm. Sim & Son.
Carnation Giant Peter Fisher, exhibited by Cummings the Florist.
Carnation John Briry, exhibited by Wm. Sim & Son.
Cattleya Hyperion, exhibited by Edwin S. Webster.
Celery, Summer Pascal, exhibited by the Waltham Field Station.
Cypripedium Bedfordiæ, exhibited by Edwin S. Webster.
Cypripedium Joan Harris, exhibited by Edwin S. Webster.
Cypripedium The Great Mogul, exhibited by Thomas Roland, Inc.
Gladiolus Cantabile, exhibited by George H. Scheer.
Miltonia Aphrodite, exhibited by L. Sherman Adams Company.
Miltonia Glow, exhibited by L. Sherman Adams Company.
Miltonia Mem. H. T. Pitt var. Exquisita, exhibited by Edwin S. Webster.
Raspberry Indian Summer, exhibited by the New York State Agricultural Experiment Station.
Sweet Pea Ambition, exhibited by Mr. and Mrs. Francis B. Crowninshield.
Sweet Pea Capri, exhibited by Mrs. and Mrs. Francis B. Crowninshield.
Sweet Pea Leader, exhibited by Mr. and Mrs. Francis B. Crowninshield.
Sweet Pea Mollie, exhibited by Mr. and Mrs. Francis B. Crowninshield.
Sweet Pea White Heather, exhibited by Mr. and Mrs. Francis B. Crowninshield.
Veltheimia viridifolia, exhibited by Edwin S. Webster.

Votes of Commendation

Boltonia Snowbank, exhibited by the Edgell Road Gardens.
Burpee's Red and Gold Hybrid Marigold, exhibited by the W. Atlee Burpee Company.
Marigold Roman Gold, exhibited by the Edgell Road Gardens.
Potato Sebago, exhibited by Wilfrid Wheeler.
Rose Thornless Beauty, exhibited by N. Grillo.
Rudbeckia Helen Colprit, exhibited by Ernest S. Colprit.
Snapdragon Sweetheart, exhibited by Mount Auburn Cemetery.
Sweet Pea Long Stemmed Lavender, exhibited by W. Atlee Burpee Company.

Cultural Certificates

Peter Arnott, for a group of orchids.
G. S. Bradley, for *Cœlogyne cristata.*

Louis Campagnolo, for a display of vegetables.
Garden in the Woods, Will C. Curtis, for an exhibit showing the propagation of native plants.
George Hewitt, for stocks.
George Holliday, for a group of miltonias.
Adelbert Lindsay, for a display of camellias and camellia plants.
Thomas Murray, for a display of sweet peas.
John Sullivan, for a group of gloxinias.
Wm. T. Walke & Sons, Inc., for a group of amaryllis.

Votes of Thanks

Arnold Arboretum, for a display of berried shrubs.
Ira Beals, for a terrarium.
Harold T. Bent, for hardy carnations and *Nierembergia.*
Harold T. Bent, for climbing Foxglove, *Lophospermum scandens.*
Harold T. Bent, for *Lachenalia tricolor.*
Elizabeth T. Blossom, for a collection of photographs of gardens designed and executed by the late Harold Hill Blossom.
L. G. Bruggemann, for peanuts.
W. Atlee Burpee Company, for Sweet Pea Pearl S. Buck.
Butler & Ullman, Inc., for a display of camellias.
Butterworth's, for *Cymbidium Alexanderi.*
W. N. Craig, for a collection of crocuses.
W. N. Craig, for a display of daffodils.
Mrs. Frank A. Day, for a clivia plant.
Louis Dupuy Greenhouses, for a display of camellias.
Mrs. William Ellery, for Don's winter-flowering pansies.
George P. Gardner, Jr., for a display of camellias.
George P. Gardner, Jr., for *Cattleya trianæ.*
N. Grillo, for Rose Elena Jewel.
N. Grillo, for Rose Regina.
Frank W. Hunnewell, for *Coleus Frederici.*
C. U. Liggit, Inc., for Rose Sun Glow.
Little Tree Farms, for Christmas novelties.
Mrs. Robert McCaull, for a basket of asters.
P. I. Merry, for a vase of montbretias.
North Street Greenhouses, for a vase of passionflower.
Harold A. Ryan, Inc., for stocks.
Mrs. George C. Shattuck, for a display of camellias.
Mrs. Leroy G. Shaw, for a terrarium.
Stephen E. Shaw Estate, for Carnation Maribel Vinson.
Sim Carnation Co., Inc., for Carnation Olivette.
Sim Carnation Co., Inc., for Carnation Snow White.
Louis Vasseur, for staminless lilium hybrids.
Wm. T. Walke & Sons, Inc., for *Coleus Frederici.*

Mrs. Geoffrey G. Whitney, for a collection of Autumn shrubs, twigs, etc.

Honorable Mention

Carnation Dark Pink Virginia, exhibited by the Sim Carnation Co., Inc.

Carnation Pharaoh, exhibited by the Sim Carnation Co., Inc.

Christmas gift basket, exhibited by the Harwich Garden Club.

Dish garden of Maine mosses, exhibited by the Linnell Girls' Gift Shop.

Miniature living Christmas tree, exhibited by the Lexington Field and Garden Club.

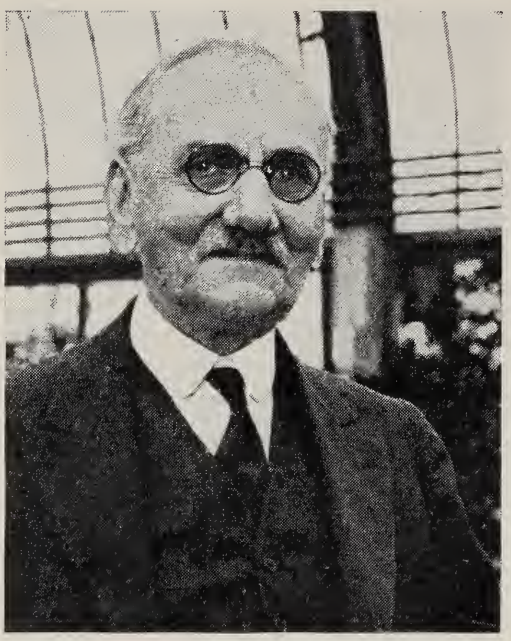
Six pink peony blooms, one variety, exhibited by Wilton B. Fay.

Six white peony blooms, one variety, exhibited by Wilton B. Fay.

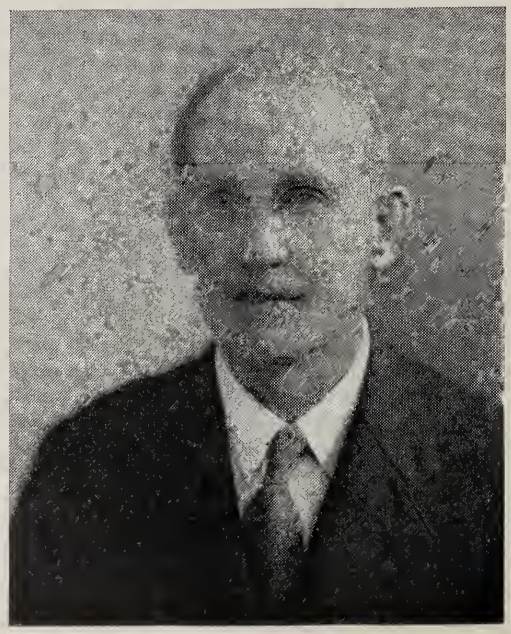
Wreath suitable for Christmas, constructed of natural plant material, exhibited by the Amherst Garden Club.

Wreath suitable for Christmas, constructed of natural plant material, exhibited by the Garden Section of the Amherst Woman's Club.

Wreath suitable for Christmas, constructed of natural plant material, exhibited by the Newton Centre Garden Club.

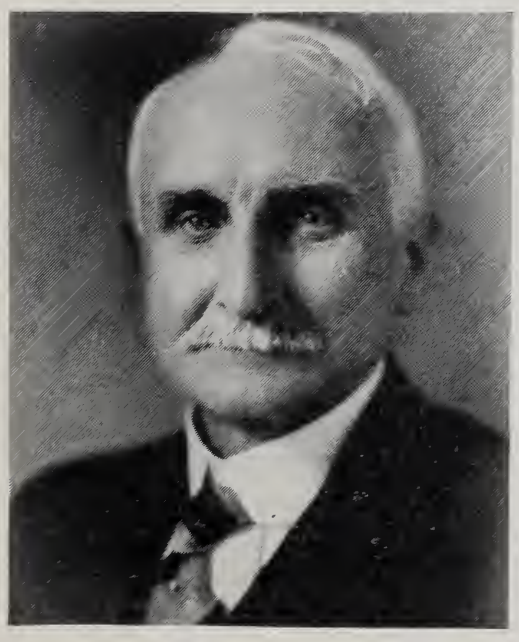


Mr. August Koch
Awarded the
Thomas Roland Medal
in 1939.



Mr. Walter D. Brownell
Awarded the
Jackson Dawson Memorial
Medal in 1939.

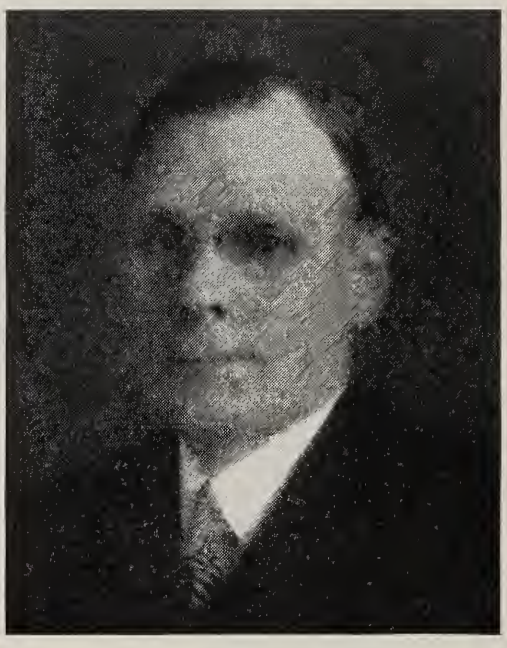
Col. R. H. Montgomery
Awarded the
Society's Gold Medal
in 1939.



Dr. William A. Taylor
Awarded the
Society's Gold Medal
in 1939.

Special Medal Awards

The committee on special medals, of which Professor Oakes Ames is chairman, made its annual recommendations to the Trustees at a meeting in September, 1939, and they were immediately adopted. Dr. George T. Moore, director of the Missouri Botanical Gardens in St. Louis, Mo., who was awarded the George Robert White Medal of Honor for eminent service to



Dr. George T. Moore
Awarded the
George Robert White Medal of Honor
in 1939.

horticulture, is known far and wide for his work in developing and maintaining one of the world's outstanding botanical and horticultural institutions. Dr. Moore's special interest is in orchids, and he has done much to promote the study of improved propagation methods as well as encourage the introduction of new species from other lands. The George Robert White Medal of Honor, considered the highest horticultural award in America, is a large and very handsome medal, the award of which each year is made possible by a fund established by the late George Robert White, long one of Boston's most distinguished citizens. It was first given to the late Professor Charles

S. Sargent and has gone since to a long line of eminent men and women.

Mr. August Koch, to whom the Thomas Roland Medal was awarded, has just been retired as head of the Park System of Chicago, Ill. Retirement was due to age limitations. Mr. Koch, like Dr. Moore, combines horticultural knowledge and skill with unusual executive ability. He has seen the Chicago Park System grow to remarkable proportions during his long term of office and has built up a collection of conservatory plants at Garfield Park which is unequalled probably anywhere in this country. The economic house is especially interesting to students, while botanists and scientists are more interested in the rare and unusual flowering plants from other lands. Several flower shows are given each year with no admission charge and are attended by hundreds of thousands of persons. The Thomas Roland Medal was established in honor of the late Thomas Roland of Nahant, Mass., often spoken of as the best plantsman in America.

The award of the Jackson Dawson Memorial Medal to Mr. Walter D. Brownell of Little Compton, R. I., was particularly

Mrs. Elizabeth Peterson
Awarded the
Society's Gold Medal in 1939.

appropriate, inasmuch as the late Jackson Dawson, made famous by his long connection with the Arnold Arboretum, was particularly interested in the hybridization of roses. Mr. Brownell's work along this line has been highly scientific and has resulted in the development of both climbing roses and bush roses of great value, especially in the colder sections of the country. Most of the important rose growers of the country have found their way to Mr. Brownell's breeding grounds in Rhode Island and are familiar with his work.

In awarding its large gold medal to Dr. William A. Taylor of Washington, D. C., the society bestowed an honor which probably should have gone to him long ago. Although this eminent gentleman has now been retired from active service, he was long at the head of the Bureau of Plant Industry of the Department of Agriculture and was instrumental in bringing about the introduction and dissemination of many worthwhile plants formerly unknown in this country. The breadth of importance of his work is acknowledged by all who are familiar with it.

Colonel R. H. Montgomery of Coconut Grove, Fla., awarded the society's gold medal, is an amateur, whose love of horticulture has inspired him to aid in building up one of the finest collections of tropical and semi-tropical plants to be found in this country, these plants being assembled at what is now called the Fairchild Tropical Garden at Coconut Grove, being named in honor of Dr. David G. Fairchild, who was awarded the George Robert White Medal in 1930. Those who visited the World's Fair in New York last Summer probably saw the great collection of tropical plants placed on exhibition there through the activities of Colonel Montgomery.

There are some persons, whose contributions to horticulture are more or less anonymous, but none the less important because of that fact. Mrs. Elizabeth Peterson is such a person. As executive secretary of the Horticultural Society of New York, she has long been the moving spirit in most of that society's activities. She has done much to promote the success of the International Flower Show in New York, and her assistance to the garden clubs of New York sections will readily be attested to by any member of those organizations. Working quietly and without inviting attention, she has done much for the advancement of horticulture.

The chrysanthemum garden of Mr. and Mrs. Edwin S. Webster (Peter Arnott, gardener) at the Autumn Show in Horticultural Hall, 1939.

The Weston Nurseries' exhibit at the 1940 Spring Flower Show in Boston was made gay with the new and very hardy azalea Jane Abbott.

The George Robert White Medal of Honor

George Robert White of Boston presented to the Massachusetts Horticultural Society in 1909 a fund, now amounting to $10,000, the income to provide annually for a substantial gold medal to be awarded by the Trustees of the Society to the man or woman, commercial firm or institution in the United States or other countries that has done the most in recent years to advance interest in horticulture in its broadest sense. The medal, designed by John Flanagan, is of coin gold and weighs eight and a half ounces. It has been awarded each year since its establishment and to the following persons:

1909 Professor Charles S. Sargent, Director of the Arnold Arboretum, Jamaica Plain, Mass.
1910 Jackson Thornton Dawson, plantsman of the Arnold Arboretum.
1911 Victor Lemoine, Nancy, France.
1912 Michael H. Walsh, Woods Hole, Mass.
1913 Park Commission of Rochester, N. Y.
1914 Sir Harry James Veitch, London, England.
1915 Ernest Henry Wilson, plant hunter for the Arnold Arboretum.
1916 William Robinson, London, England.
1917 Niels Ebbesen Hansen, Brookings, S. D.
1918 Dr. Walter Van Fleet, Washington, D. C.
1919 Vilmorin-Andrieux et Cie, Paris, France.
1920 Georges Forrest of England.
1921 Mrs. Louisa Yeomans King, Alma, Mich.
1922 Albert Cameron Burrage, Boston, Mass.
1923 John McLaren, San Francisco, Calif.
1924 Joseph Pernet-Ducher, Venissieux-les-Lyons, France.
1925 Professor Ulysses P. Hedrick, Geneva, N. Y.
1926 Pierre S. duPont, Wilmington, Del.
1927 Dr. Liberty Hyde Bailey, Ithaca, N. Y.
1928 Colonel William Boyce Thompson, Yonkers, N. Y.
1929 Miss Gertrude Jekyll, England.
1930 David Grandison Fairchild, Washington, D. C.
1931 Dr. Frederick V. Coville, Washington, D. C.
1932 W. A. Manda, South Orange, N. J.
1933 J. Horace McFarland, Harrisburg, Pa.
1934 Captain F. Kingdon Ward, British plant collector.
1935 Professor Oakes Ames, Boston and North Easton.
1936 Harlan Page Kelsey, East Boxford, Mass.
1937 Frederick Law Olmsted, Brookline, Mass.
1938 Robert Moses, New York City, N. Y.
1939 Dr. George T. Moore, St. Louis, Mo.

Activities at Horticultural Hall

A Survey of the Various Departments and the Work They Do

The Business Department

It is true that the Massachusetts Horticultural Society devotes itself almost wholly to matters of an educational and charitable character. Nevertheless, it is impossible to carry on so large an organization and one with so many diversified activities without becoming involved in a great many business transactions. Persons who make application for work at Horticultural Hall expect that this work has much to do with gardens and flowers. As a matter of fact, the business office of the society is exactly like that of any other business office. Large sums of money are taken in and paid out and every transaction is written in detail into the society's books. There is a bookkeeping department, a subscription department, an auditing department and an advertising department, all of them under the eye of the secretary, who must report upon them to the various committees appointed by the trustees or to the trustees themselves.

There are many business matters connected with the library, far removed as this division of the society's work might seem to be from such matters. A large amount of money is spent each year for books, but this work is not done in a haphazard manner. An effort is made to obtain the lowest prices from publishers and from dealers in second-hand books. Many of the books which go onto the shelves in the library cost nothing, being turned over from *Horticulture* after being reviewed in that publication. A distinct saving is effected in this way. Likewise, the amount of money spent for magazine subscriptions is reduced by exchanges with *Horticulture*.

The funds which yield the money from which purchases for the library are made must be kept separate from all others, and their income supplied for library purposes only. Special arrangements are made with the post office to effect the greatest

saving in the mailing of library books to and from members who borrow them. The library is empowered to pay transportation one way but suggests to its members that it would be glad to have them pay all the postage. As a rule, the members are very co-operative in this respect.

Fines must be levied and collected where they are due, and arrangements made for importing books designed for use by the library without the necessity of paying duty. Foreign books are permitted to come in duty free but such books must not be resold. The financial transactions of the library are initiated by the librarian and then turned over to the bookkeeping department with Mrs. Florence Mayo in charge.

It is to the bookkeeping department, indeed, that all the bills from every department must eventually come before they are paid. After these bills have been approved by the department head, they are entered on the bookkeeping records. Next, they are approved by the secretary, after which they go to either the treasurer, Mr. John S. Ames, or the assistant treasurer, Mr. Walter Hunnewell, whose approval is required before they can be paid. Later, all these bills are submitted to the auditor, Mr. Thomas Brown. Incidentally, almost all of the employees at Horticultural Hall, as well as the treasurer, are bonded.

The total amount paid out over the secretary's signature each year amounts to about $150,000. The Spring flower show alone involves an expenditure of from $60,000 to $70,000, which requires the drawing of a great many checks, probably 100 for prizes alone. The amount of money which comes in is larger, of course, than the show expenditures, making a large bank balance at the close of the show. A special bookkeeper is employed to work at Mechanics Building while the Spring show is in progress and every cent of the large sums received from the ticket offices day by day must be accounted for. The tickets are numbered in sequence so that an absolute accounting is possible.

The Spring flower show is carefully budgeted in advance and at the end of the exhibition a detailed report is made up by the exhibition manager, Mr. Arno H. Nehrling, in order that the exhibition committee may know just where the expenditures were greater or less than authorized in the budget.

These figures are, of course, carefully scrutinized before a budget for the next year is made out.

A great number of book entries is required to handle the membership records, inasmuch as each annual member's payment of $3.00 is written into the books with the name and date. Most of the payments are received in the form of checks, which amount to several thousands by the end of the year. Indeed, the deposit slips sent to the bank would, on some occasions, measure at least a yard in length if they were pasted together. All of this work must be done with greatest care, because any mistakes usually result in sharp rebukes from irate members.

The name of each annual member is entered on a card and also printed on a stencil, these stencils being used in a printing machine when sending notices to the members or when addressing wrappers for mailing *Horticulture*. It costs about $225 to notify the members of a society meeting if a letter is sent and about $100 if a post card is used. This is not counting the work done by the office employees in addressing, stamping and mailing communications to members.

Then comes the work of collecting members' dues. Formerly, all memberships ran only to the end of a given year. This was obviously unfair to members who joined the society when the year was almost up. Now each membership runs for one year from the first of the month following the date of record. Special cabinets hold the members' stencils and two electrically equipped machines are available for printing the addresses from month to month.

The work involved in the publication of the magazine *Horticulture* is somewhat complicated, as a charge is made in favor of the magazine against each member of this society, The Pennsylvania Horticultural Society and the Horticultural Society of New York. Seventy-five cents a year accrues to *Horticulture* as a book item for each membership in all three societies. The New York and Pennsylvania societies keep their own records, however, and also write the wrappers for their members, these wrappers being sent by express to the mailing company in Boston.

The management of *Horticulture* is a business in itself, for the publication is on exactly the same plan as any other magazine as far as the general public is concerned. The general

A corner in the library at Horticultural Hall, showing the members of the staff at their respective desks.

circulation exceeds that provided by the three societies, magazines being sent to all parts of the world. There must be a constant effort on the part of those in charge to keep the printing costs, paper costs, distribution costs and the cost of making engravings as well as that of contributions as low as possible.

In addition, there is the matter of advertising to be considered. This is very important because *Horticulture* is expected to pay its way. The advertising business is a complicated and difficult one. It involves a wide knowledge of human nature as well as of business principles. The advertising department is directed by Mr. James Geehan, who is well equipped for this work. Mr. Geehan is responsible for collections as well as for new advertising and must see to it that his books are ready for an auditor's inspection at any time.

In addition to conducting the advertising department of *Horticulture,* Mr. Geehan is in charge of the society's employment bureau, which has assumed unexpectedly large proportions in recent years, partly because many gardeners have been thrown out of work, but also for the reason that many applications for employment that formerly went to seed houses and other employment bureaus are now coming to Horticultural Hall. Mr. Geehan's department has been very successful in placing a great many gardeners and superintendents, this work being carried on without charge to the applicants. Indeed, this is considered a part of the society's service and gardeners out of work are permitted to carry advertising cards in *Horticulture* free of charge.

Much of the work of selling the various books sponsored by the society has also been placed in the hands of this department. The society is now responsible for "The Gardener's Omnibus," which sells for $3.75, "The Gardener's Travel Book," priced at $2.50, and a series of dollar books which are believed to offer more for the money than any others ever published. These books are sold in book stores throughout the country, and the society receives a royalty.

Finally, there is the never-ending effort to maintain the membership at its present level and to increase the number of subscriptions for *Horticulture.* This work involves a ceaseless flow of letters and literature, thousands of pieces going out each week as a matter of routine. It involves, also, the necessity

of constantly searching for new names to be used for this purpose. Probably few persons realize that it is only through this never-ceasing flow of mail that the membership is kept from dropping rapidly and that the circulation of the society's magazine is extended throughout distant states.

The Library at Horticultural Hall

The original library of the Massachusetts Horticultural Society is kept intact in a separate case in the Trustees' room. It includes those books listed in the first catalogue of the library, which was published in the *New England Farmer,* August 10, 1831, and it is made up of about 130 volumes, many of them gifts of the charter members and outstanding horticulturists of the time.

In this room, under lock and key, are kept the valuable Americana (books published in this country prior to 1825) within the scope of the society's collection. There, too, will be found the horticultural and botanical books of all countries, published before 1800. Those which appeared before the time of Linnæus are kept in a special section and include the important herbals of the 17th and early 18th centuries.

The travels of the early botanists, their descriptions of the plants they found, early theories of landscape design and agricultural and horticultural practices to be found in these early writings of the first gardeners and botanists of many countries prove of great value to those doing research on the history of gardening as well as the history of plants.

In a closed stack separate from the main reading room are kept those books of the 19th century which generally do not circulate but are often consulted for information by technical research workers and those gardeners who are interested in searching for the authentic or curious bits of information which may be found in some of the gardening literature of that period.

The main body of the general collection of books in the library includes both popular and professional books on gardening in all its phases. Besides a large group of books on gardening there are many sections of books on the culture of special groups of plants—roses, bulbs, lilies, greenhouse plants, rock garden plants, and many others.

Insects and diseases, soils and fertilizers, economic plants

and cultivated plants are covered in scientific treatises as well as in modern popular writings. For those whose interests are in vegetables and fruits, there is an excellent supply of literature. The fruit collection is one of the best and includes many of those books of the 17th, 18th and 19th centuries which were very important in contributing knowledge and reporting experiences, thus forming the foundation of today's research in the cultivation of fruits.

A garden would be a poor mixture of this and that if a plan were not made before planting. The collection of books on garden design and gardens of other countries in the library provides much help and many suggestions for the professional landscape architect as well as for the home gardener who is making his own plan. And for the ladies who are interested in design from the aspect of flower arrangement there are books on Japanese as well as on the American principles underlying that art.

Although the main interest is horticulture, such a library as this would not be complete without a great deal of material on botany. The interesting "Floras" of many countries are most valuable to members doing research on the plants of many lands, and their introduction into cultivation in our own gardens and elsewhere. Many of these works run into numerous volumes of text and plates, which are helpful in checking specimens that come in for identification or providing some artist with the correct aspect of a plant he is using in an illustration. Others are used by those who intend to travel in the region and want to know something of the plants there before they start on their journey.

For those who can travel only in their reading, there are the writings of the plant explorers of many generations and the fascinating tales which lurk in the stories of their lives and their work.

The 26,000 volumes of "the best of the world's garden books," although they make up the greater part of the assets of the library, are by no means the limits of its resources. Our file of horticultural periodicals is an unusually complete one. The gallery shelves are lined with bound volumes of these publications covering more than 100 years and from all parts of the world.

On the racks in the reading room will be found current

Mr. James Geehan, advertising manager, with his assistants, Miss Margaret Place and Miss Winnifred Corbett.

numbers of scientific and popular garden magazines from England, France, Germany, Italy, and other countries as well as the best to be found here. Some of these are exchanged for our own publications; some come by subscription and some are gifts.

The files of these periodicals, many of them with excellent colored plates, are very valuable to botanists and horticulturists for checking descriptions of plants, for obtaining historical data and cultural notes. Printed indexes of various sorts provide the necessary key to unlock the information contained in many periodicals and they are supplemented by our own typewritten card index to plant material and articles found in some of the current periodicals not covered by official indexes. Other "library reference tools" include the indexes to the many document series published by the government, invaluable in locating material, especially that from the Department of Agriculture.

Another valuable asset of the library is its collection of nursery catalogues going back a century or more and added to each season. From Europe, Asia and Africa as well as the western continent they come each year, in different shapes and sizes —some veritable books of information beautifully illustrated, others brief listings of seeds from distant corners of the earth. Old ones are used to check varieties and species of plants; new ones are constantly thumbed over by those searching for the ordinary or the unusual. One of the questions most often answered by the staff is "Where can I buy so—and so—?"

Another question which comes to the library, especially during the Winter months when the garden clubs are having their indoor meetings is "What list of books or articles are there on this—or that—?" Bibliographies on many subjects are being prepared constantly, and for those members who cannot come into the library packages of books are selected to fill needs and sent out by mail. Other garden clubs avail themselves of the privilege of coming to the library for their meeting and listening to a lecture by the librarian.

As the development of horticulture continues, groups interested in particular plants or groups of plants have developed and formed their own organizations. These special plant societies make use of the committee rooms for their meetings and the library as well as the society as a whole co-operate with

them in every way to foster their enthusiasm and interest and the general interest of all who love plants.

Naturally, those working with this horticultural collection must have a broad background in the field as well as understanding of library techniques. Miss Dorothy Manks, the librarian, is a graduate of Radcliffe with a special course in library training taken at Simmons. Her assistants are Miss Brenda Newton, landscape architect, graduate of Simmons and Lowthorpe School, and Miss Elizabeth T. Blossom, whose training at Smith College included both botany and horticulture, and who has taught these subjects in college, high school and Summer camps.

The library is open to the public every weekday from 9 a.m. until 5 p.m. except that it closes at 1 p.m. on Saturdays in the Summer. Questions may be sent by mail and transmitted by telephone. "Service" is the library's motto and it is always given with a smile.

The Flower Show Department

The fruit, vegetable and flower exhibitions of the Massachusetts Horticultural Society are woven as closely into the fabric of the society's history as is the work of the library. The first exhibitions were held in the first year of the society's existence, that is, in 1829. They have continued in different forms and under different conditions throughout the years which have intervened.

The earliest shows were confined largely to fruits. Afterwards vegetables began to have a prominent place, but it is only in much more recent years that flowers came to occupy the center of the exhibition stage. For many years, exhibitions were held weekly throughout the Summer months. They were very small, of course, but gradually came to assume larger proportions.

The first big display was held in 1836, when two beautiful orange trees, some large, growing pineapples and heavily clustered grapevines were displayed. On that occasion *Phlox drummondi* appeared for the first time. Acacias were exhibited, too, together with what the record calls "a bewildering display of dahlias." The premiums listed for 1838 offered 20 prizes for

fruit amounting to $100, with 18 vegetable prizes totaling $50, and $125 for flowers.

By 1852 a new problem had arisen. It was this: "Should prizes awarded by the society go to the gardeners or to the owners who employed them?" It was decided that a uniform method ought to be adopted, but no decision was arrived at as to what this method should be, although it soon became an established custom to make all awards to the owners. In the earlier days, much of the judging was done not at shows but in gardens, which were visited by the society's committee.

After the society's first building was sold and before the second building was erected, the plan was tried of holding the society's exhibitions under tents on Boston Common, but the city compelled the building of floors over the grass, and this fact, together with much rainy weather caused this plan to be abandoned. At times exhibits were held in Faneuil Hall and at other times in the old Music Hall. It is recorded that an exhibition in the latter hall in 1857 was graced by the presence of Rev. Henry Ward Beecher, who talked about flowers. A band played both day and evening.

In the course of the years, the exhibitions have proved of tremendous advantage to the society. This was true even when they were being held in the Tremont Street building. Visitors to the shows remained to become members and in one instance, at least, an exhibition of dahlias brought about a large contribution of money.

In the days when new species and varieties were being introduced rapidly, many of them appeared at the shows of this society for the first time. In 1836, Marshall P. Wilder exhibited *Oncidium flexuosum*, with 97 fully expanded blossoms. Apparently, this was the first time that an orchid was exhibited at any show in America. In later years, the Concord grape appeared at one of the society's exhibitions, to become the center of a bitter controversy. A similar controversy was precipitated when Jackson Dawson showed specimens of Scotch heather, *Calluna vulgaris,* which he had gathered in Tewksbury.

When the present Horticultural Hall was erected, the shows began to grow much more elaborate than ever before. The new quarters were admirably adapted for extensive displays and

those in charge of the exhibitions came to feel increasing responsibilities.

Mr. Albert C. Burrage, who became president in 1921 and continued in that office for ten years, was show-minded to an exceptional degree. To him, to the late Dr. Ernest H. Wilson and to the late Thomas Roland must be given much of the credit for developing the show angle of the society's work to its present high standard. Such men as Harlan P. Kelsey, Harold S. Ross, Wilfrid Wheeler, William N. Craig, Samuel J. Goddard, Walter Hunnewell, William Ellery, James Methven, George Butterworth and others who are still living, had much to do with making the exhibitions one of the society's major projects after the new hall was opened. It was early in Mr. Burrage's presidency that the question of using the shows to materially increase the society's income was thoroughly canvassed. A small fee had been charged at some of the shows in previous years and had helped to defray the cost of these shows. Mr. Roland, in particular, believed that it would be wise to put on one large exhibition each Spring and to make the admission fee $1.00. Mr. Burrage was always in favor of free shows, but the society's financial condition was far from satisfactory and the necessity for increased revenues was obvious.

The society had only about 800 members when Mr. Burrage became president. Only two officers were employed by the society, a secretary and a librarian. Very little use was made of the library or of the building itself. Therefore, the plan of putting on a large exhibition each Spring was adopted and from that moment a considerable burden was placed upon the exhibition committee. That burden was increased in later years when the society's financial condition made it necessary to have a budget committee, which committee put upon the exhibition committee the task of making a net profit of at least $20,000 at each Spring show.

The show first held in Horticultural Hall was such a success that the building was crowded to suffocation. The centennial exhibition in 1929 at Mechanics Building showed the possibilities of an exhibition framed on a much greater scale. It soon became the established custom to use Mechanics Building for the Spring exhibition, which has gradually developed into

what is essentially a business enterprise although conducted with every regard for horticultural and artistic traditions.

After the centennial exhibition, the society found itself with a surplus of some $30,000, which amount was prudently set aside as a nucleus of what is in effect an insurance fund, to be drawn upon in the event of the show's failure to make its required earnings. This fund is, of course, properly invested and the earnings are used for the payment of prizes at the shows.

The planning and execution of a great Spring show involves much labor, even after the thinking has been done by which the theme of the show is developed. Blueprints are made by a landscape architect, models are constructed and endless details are worried over, often for many months. Sometimes plans are partly developed and then completely discarded.

The making of such a show is a task which requires a year-round department. Such a department has now been in existence for several years with Arno H. Nehrling in charge. Mr. Nehrling and his assistants have the task of carrying out the committee's plans to the last detail. The general management of the show is wholly in his hands under the committee's direction, constituting a task which grows increasingly arduous as the show approaches, and involves working night and day while it is being set up. Mr. Nehrling also has the selling of the trade space at the Spring show. He was formerly a professor at Massachusetts State College and afterward at Cornell University, and has wide experience in flower show work in this and other cities.

Although the exhibition committee's work reaches its climax when the Spring show is held in March, it also includes a series of smaller shows throughout the Spring, Summer and Fall. The Autumn show at Horticultural Hall is usually an ambitious one and a small admission fee is charged.

Since the days of Mr. Burrage, Dr. Wilson and Mr. Roland, the exhibition committee has functioned under the able leadership of Harlan P. Kelsey, Harold S. Ross, Wilfrid Wheeler and Ray M. Koon.

Although the exhibition committee is responsible for setting up the flower shows, the judging of these shows, which is a very important matter, is vested in another group known as the prize committee. The responsibilities of this committee are

Office of the New England Wild Flower Preservation Society in Horticultural Hall, with the secretary, Miss Lily Tobey, at the desk.

extremely heavy. Probably no committee in the society is subject to as much criticism and yet the members must be prepared to meet such criticism with an answer which shows that they have a reason for everything they do. The judging of the Spring show, in particular, is a very complicated matter. The choice of judges is in itself difficult because persons must be obtained who are competent to pass on the particular type of exhibit which they are called upon to inspect. The fixing of scales of points, by which the judging must be done, and the making of rules which are just and fair take careful thought.

Provision must be made for awarding the society's own medals, the President's Cup, the medal of the Horticultural Society of New York, the medal of The Pennsylvania Horticultural Society and the Beacon Hill Garden Club Cup, as well as the awards for the exhibits which call for cash prizes.

New England Wild Flower Preservation Society

In 1900 some interested people in Boston formed a society to protect native plants, calling themselves the Native Plant Society. They had no office and no dues, but were given permission to receive mail at the office of the Massachusetts Audubon Society. Occasionally they issued leaflets and for two or three years their numbers increased. There was much enthusiasm among the members and their influence spread to other localities, but as they had little money with which to work, only occasional contributions, they could not spread out as they had hoped to do.

In 1922 the Garden Club of America wished to start a New England zone in their conservation work and Mrs. S. V. R. Crosby was asked to take charge of it. She knew of the Native Plant Society started by Miss Amy Folsom and in talking with her found that this society was most eager to have a more far-reaching association formed. As Miss Folsom was not well enough herself to do this work, she was willing to give the new society the names of the members and the good will of the old organization.

The new society was formed in March 1922, with Mrs. S. V. R. Crosby as chairman. It was named the Society for the Preservation of Native New England Plants and twelve directors comprised its board at that time. All of the directors worked very hard to get new members, and one of them, Mr.

Albert C. Burrage, at that time president of the Massachusetts Horticultural Society, put on a wonderful exhibition of native wild flowers and shrubs in bloom at Horticultural Hall. He gave the proceeds of the show to the newly formed society. Over 85,000 people visited this exhibition, where thousands of leaflets were given out to inform the people of the work which the new society intended to do as time went on. Hundreds of new members were added at this time, both adult and junior members.

In June 1922, the Massachusetts Horticultural Society offered the society an office in its building at Horticultural Hall, where it still has its headquarters.

Many people felt that the name which the society bore at first was too long and difficult, and at a meeting of the directors in 1925 the name was changed to the one now used. In January of 1932 the society was incorporated under the laws of the state of Massachusetts. At that time Mrs. Crosby was made president, which position she still holds. New directors have been added to the board from time to time and chairmen have been appointed to represent the various New England states. Originally the society was interested only in the preservation of the native wild flowers and shrubs, but as time has gone on its interests have increased and the work now includes many branches of conservation.

Many garden clubs and women's clubs throughout New England are members and with their help the society is able to carry on its activities in different localities. Nearly all of the clubs have conservation chairmen and through them much splendid work is accomplished.

A great deal of work is done in the schools throughout New England, by giving lectures and illustrated talks on conservation. If within a radius of 30 miles of Boston, a lecturer is sent, but if the schools are outside this limit a box of colored slides with a written lecture is shipped upon application, to any place in New England. In 1938 just 200 of these talks were given in the schools, an increase of 53 over 1937. Illustrated talks are given to adult organizations for a small fee, but the school talks are given free of charge.

The society is most fortunate in being able to have articles printed at various times during the year in many of the newspapers throughout New England, and twice a month is given

space in *Horticulture*. These articles are written to inform people of the necessity of protecting many rare plants, especially the mayflower and the lady-slippers.

One of the most far-reaching pieces of work which this society does is the issuance of a conservation week booklet through its chairmen in three of the New England states. It is hoped that the other states will soon give the same co-operation. The governors of the various states issue a proclamation for the special week in each state, and the booklets are then distributed to teachers in the schools of these states. A conservation week is now held in 28 states throughout the country, and each year more states are having one.

The office of the society, which is at the head of the stairs on the second floor of Horticultural Hall, is always open to visitors. Colored posters of native wild flowers and shrubs are on display in the office, and many leaflets which the society issues are given out free of charge. The society has many books, games and colored post cards on sale at all times, and sends all of these things for exhibition purposes to flower shows if garden clubs wish to have a conservation booth. The society always has a table at the flower shows held in Horticultural Hall, and has a booth at the Spring flower show. Here again the garden clubs co-operate by helping the society at the booth, often being responsible for several days when their club members take entire charge of the booth for the society. There is a friendly competition among the various clubs to see whose members take in the greatest number of new members or make the largest sales. At the Autumn show the society, in conjunction with the Massachusetts Horticultural Society, holds a competition for Christmas greens in which all garden clubs in New England are welcome to enter.

One of the society's aims is to be a laboratory where new ideas can be tried out, and if proved successful, disseminated to other societies in different parts of the country.

Each state chairman works independently in her own state, for conditions naturally differ. All materials are sent out from the main office, and the chairmen report their activities to the president from time to time, often bringing her new ideas. The annual meeting is usually an all day meeting and is held at Horticultural Hall in January. After the business meeting, there is usually a luncheon. Interesting speakers are heard at

Prize-winning exhibit of the Jamaica Plain High School in the road-stand competition at the Exhibition of the Products of Children's Gardens, 1939.

these meetings. In the past they have included Mr. John Findlay of the *New York Times,* Mr. Robert Lemmon, editor and wild flower enthusiast, Dr. William G. Vinal of Massachusetts State College, and Dr. W. H. Camp, who is on the staff of the New York Botanical Garden. The day on which Dr. Camp spoke, there was a joint meeting of this society and the Massachusetts Horticultural Society.

Benevolent Fruit and Flower Mission

Seventy years ago Miss Helen W. Tinkham taught school in Milton. As she returned to Boston for the week ends she carried with her baskets of flowers from the gardens of her pupils, but rarely did she have any blossoms left when she reached home because she could not resist the appeal to the children who ran up to her as she walked through the crowded streets and begged for a flower.

She saw the need of linking the country and the city by the sharing of the products of the suburban gardens with the sick and lonely in the hospital wards and in the congested tenement districts. Her dream was realized when on May 10, 1869, the minister of the Hollis Street Church offered her an opportunity to distribute flowers from the vestry of the church once a week during the Summer months. Thus was started the work of the Benevolent Fraternity Fruit and Flower Mission, the oldest organization of its kind in existence.

When the Hollis Street Church was sold, the Flower Mission moved to the Barnard Memorial on Pleasant Street. Rev. Charles Barnard was the first minister who dared to brave the scorn of the people by placing flowers on his pulpit. From there the Mission moved to the Parker Memorial on Berkeley Street, where the work was carried on during the Summer for 33 years.

In 1908 a second center was opened at Bulfinch Place Chapel in the West End, followed in 1919 by another center at the North End Union. During the Summer of 1922, the Robert Gould Shaw House became the distributing center for the South End, replacing the Parker Memorial building, which had been sold to the Boston Fire Department, and in 1923 a fourth center was opened at the South Bay Union on Harrison Avenue.

In 1925 the trustees of the Massachusetts Horticultural Society offered the Fruit and Flower Mission a room in Horticultural Hall and on June 1 of that year headquarters were established, with a secretary in charge, affording the opportunity for a year-round ministry of friendliness.

The two angles of the work of the Mission today are the organized hamper work and headquarters activities. The hamper work is carried on during the Summer months, June 1 to October 1, when large hampers are filled with flowers, fruits and vegetables by individuals, garden clubs, church groups, women's clubs, civic organizations, Boy Scouts, Girl Scouts, and the like in 33 suburban towns and are shipped to the North and South Stations free of charge by the railroads, to be collected by the truckman employed by the Mission and transported to the centers for distribution in the congested sections of the city, where the outlook can be only over paved streets and dreary brick and mortar walls. The empty hampers are returned to the railroad terminals and sent back to the local stations for packing the following week.

The headquarters in Horticultural Hall provides the key to all the activities of the work. It is open each weekday morning to receive contributions that arrive from many sources; to contact the centers by telephone each hamper day and to plan for the assembling and distribution by a loyal corps of volunteers of the large donations that often fill the room. As the Mission grows the desk work also naturally increases.

Some of the exhibitions of the Massachusetts Horticultural Society have made it possible to distribute flowers to 50 individuals and institutions, the latter including hospital wards, clinics, neighborhood houses, homes for the aged and homes for working girls.

Flowers are occasionally sent after funeral services. The set pieces and sprays are dissembled, the wires removed and the flowers placed in water. Especially lovely bouquets are made up from the choice blossoms. Depending entirely on volunteer helpers, it is essential that the Mission be notified at least a day in advance when funeral flowers are to be sent, in order that these volunteers may be reached by telephone.

The hospital unit regularly assists in the distribution from Horticultural Hall, the chairman of the unit averaging two or three days a week during many months of the year.

Truck loads of plants are received from estates and are most acceptable in the neighborhood house and backyard gardens. Packages of seeds are also given to these groups.

Annually the Lexington Field and Garden Club devotes a day in December at the home of Mrs. Hollis Webster or Mrs. M. Bernard Webber to the making of Christmas wreaths, sprays, miniature Christmas trees, Winter bouquets, balsam pillows and filled vases and flower pots.

The entire distribution from Horticultural Hall is an intimate one, many of the recipients becoming real friends who are most appreciative of the friendliness shown to them during these difficult times of turmoil and uncertainty.

A great need of the Fruit and Flower Mission is to enlist the co-operation of the garden clubs by the opening of their gardens for a benefit, in order that the small annual budget of the Mission may be met.

Baskets for delivery to shut-ins from the headquarters of the Benevolent Fruit and Flower Mission just before Thanksgiving Day, 1939.

EXHIBITIONS IN 1940

MECHANICS BUILDING

March 11–16
Spring Flower Show

HORTICULTURAL HALL

January 26 and 27
Camellia Show

May 6 and 7
Daffodil Show

May 28 and 29
Tulip Show

June 7 and 8
Iris Show

June 19 and 20
June Exhibition

August 14 and 15
Gladiolus Exhibition

August 22 and 23
Exhibition of the Products of Children's Gardens

September 7 and 8
Dahlia Exhibition

October 9–11
Exhibition of Fruits, Vegetables and Flowers

November 7–10
Autumn Flower Show

Periodicals Received, 1939

*Library keeps only the current year on file.

*Agricultura y Ganaderia.
*Agricultural Gazette of New South Wales.
Agricultural Index.
*Agricultural News Letter.
Agricultural Statistics.
Alabama, Garden Club. Yearbook.
Alpine Garden Society. Bulletin.
Alpine Garden Society. Year Book.
American Amaryllis Society. Year Book.
American Association of Nurserymen. Proceedings.
*American Bee Journal.
American Botanist.
American Carnation Society. Proceedings.
American Daffodil Yearbook.
American Dahlia Society. Bulletin.
American Delphinium Society. Year Book.
*American Eagle.
American Fern Journal.
American Forests.
American Fruit Grower Magazine.
American Home.
American Iris Society. Bulletin.
American Lily Yearbook.
American Nurseryman. Includes National Nurseryman from Oct., 1, 1939.
American Orchid Society. Bulletin.
American Peony Society. Bulletin.
American Pomological Society. Proceedings.
American Rock Garden Society. Yearbook.
American Rose Annual.
American Rose Magazine.
American Society for Horticultural Science. Proceedings.
American Society of Landscape Architects. Bimonthly Index to Current Publications of Professional Interest.
Les Amis des Roses.
*Aquatic Life.
Arboretum Bulletin. (Seattle, Washington)
Arborist's News.
Arnold Arboretum. Bulletin of Popular Information.
Arnold Arboretum. Journal.
Australian Orchid Review.
Begonian.
Better Fruit.

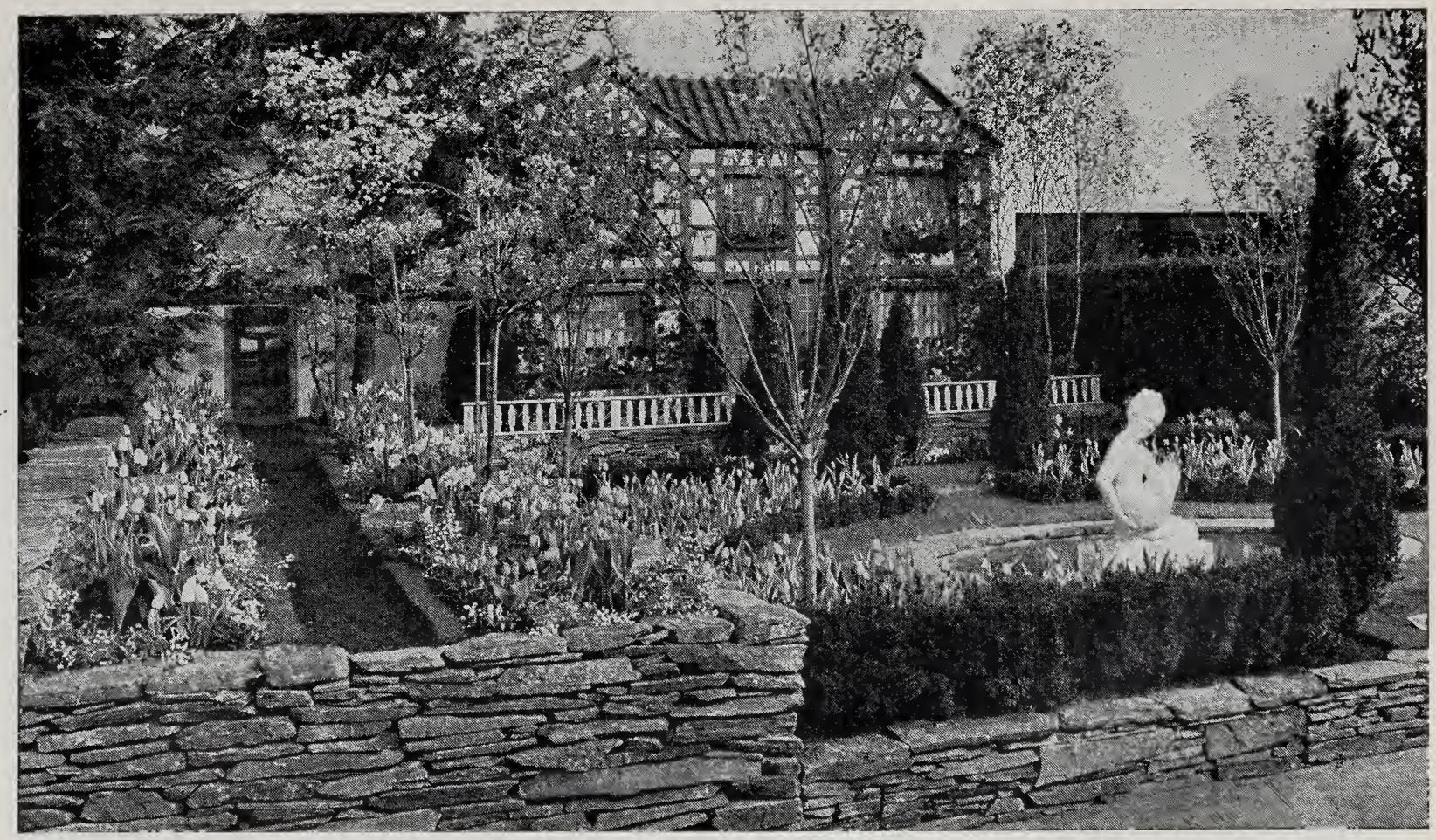
Better Homes and Gardens.
Blumen- und Pflanzenbau.
Boyce Thompson Institute for Plant Research. Contributions.
Breeze Hill News.
British Delphinium Society. Yearbook.
British Gladiolus Society. Gladiolus Annual.
Brooklyn Botanic Garden. Record.
Cactus and Succulent Society of America. Journal.
Cactus and Succulent Society of Great Britain. Cactus Journal.
Calavo Growers of California. Annual Report.
*Calavo News.
California Avocado Association. Yearbook.
California. Department of Agriculture. Bulletin.
California Garden.
California University. Publications in Botany.
Canadian Florist.
Canadian Gladiolus Society. Annual.
Canadian Horticulture.
Chronica Botanica.
Le Chrysanthème.
Chrysanthemum Society of America. Bulletin.
City Gardens Club (New York). Bulletin.
Connecticut State Geological and Natural History Survey.
*Country Life.
Cranberries.
Crimea. Government Botanic Garden Miscellaneous Publications.
Curtis's Botanical Magazine.
Dahlia Society of Michigan. Bulletin
*Dein Gärtchen.
Desert.
*Earthworm.
Edinburgh. Royal Botanic Garden. List of Seeds.
Elisha Mitchell Scientific Society. Journal.
Experiment Station Record.
F. T. D. News.
*Farm Research.
*Fertilizer Review.
Field Museum of Natural History. Botany Leaflet Series.
Field Museum of Natural History. Publications. Botanical Series.
*Field Museum of Natural History. Publications. Report Series.
Florists' Exchange.
Florists' Review.
Flower Grower.
Flowering Plants of South Africa.

The old mill, which was a feature of the spectacular stage exhibit in Mechanics Building at the Spring Flower Show in 1940.

Forest Leaves.
Four Seasons.
Fruit World of Australasia.
Garden Club of America. Bulletin.
Garden Design. Discontinued with Summer 1939.
Garden Digest.
Garden Gate.
Garden Glories.
Garden Gossip.
Garden Life.
Garden Lover.
Garden Path.
*Gardener.
Gardeners' Chronicle.
Gardeners' Chronicle of America.
Gardening Illustrated. Discontinued with issue of Sept. 16, 1939.
Gardens and Gardening. Studio Gardening Annual.
Gartenflora.
Gartenkunst.
Gartenschönheit.
Geisenheimer Mitteilungen über Obst- und Gartenbau.
Gentes Herbarum.
Giardino Fiorito.
Golden Gardens.
Good Gardening.
Gourd Bulletin.
Gray Herbarium. Contributions.
Great Britain. Ministry of Agriculture. Journal.
Grower Talks.
Gulf Coast Gardener.
Hartford, Connecticut. Board of Park Commissioners. Annual Report.
Harvard University. Botanical Museum. Leaflets.
Herb Journal.
Herb Society of America. The Herbarist.
Hillcrest Gardens.
Home Acres.
Home Gardening.
Hooker's Icones Plantarum.
Hoosier Horticulture.
L'Horticulteur Chalonnaise.
Horticultural News.
Horticultural Society of New York. Monthly Bulletin.

Horticultural Society of New York. Yearbook.
Horticulture.
L'Horticulture Française.
House and Garden.
House Beautiful.
Illinois Horticulture.
Illinois State Horticultural Society. News Letter.
Illinois State Horticultural Society. Transactions.
Indiana Horticultural Society. Transactions.
International Horticulture.
*Iowa Agriculturist.
Iowa State Horticultural Society. Transactions.
Ireland. Department of Lands and Agriculture. Journal.
Iris Society (England). Yearbook.
Japanese Horticultural Society. Journal.
Jardinage. Publication suspended from Oct. 1, 1939 for duration of war.
Jenkins Hemlock Arboretum. Bulletin.
Journal of Agricultural Research.
Journal of Botany, British and Foreign.
Journal of Economic Entomology.
Journal of Forestry.
Journal of Pomology and Horticultural Science.
Kew. Royal Gardens. Bulletin of Miscellaneous Information.
Landscape and Garden. Publication suspended from Sept. 1, 1939.
Landscape Architecture.
Lawn Care.
Lexington Leaflets.
*Lingnan Science Journal.
Linnean Society. Journal.
Little Gardens.
Lloydia.
Louisiana Garden Club Federation. Yearbook.
Lyon-Horticole et Horticulture Nouvelle Réunis.
Madison Cooper's Gardening Magazine.
Market Growers Journal.
Massachusetts Conservation Bulletin.
Massachusetts, Garden Club Federation. Yearbook.
Massachusetts Horticultural Society. Year Book.
Massachusetts Nurseryman.
(Massachusetts) Trustees of Public Reservations. Annual Report.
Michigan, Federated Garden Clubs. Yearbook.
Minnesota Horticulturist.

Mississippi, Garden Clubs. Official Bulletin.
Missouri Botanical Garden. Annals.
Missouri Botanical Garden. Bulletin.
Möllers Deutsche Gärtner-Zeitung.
Monthly Catalogue of United States Public Documents.
Monthly Checklist of State Publications.
Montréal. Université. Laboratoire de Botanique. Contributions.
Morton Arboretum. Bulletin of Popular Information.
My Garden.
National Auricula and Primula Society (England). Annual Report.
National Carnation and Picotee Society (England). Annual Report and Yearbook.
National Council of State Garden Club Federations. Bulletin.
National Fertilizer Association. Proceedings.
National Horticultural Magazine.
National Nurseryman. Merged with American Nurseryman on Oct. 1, 1939.
National Rose Society (England). Rose Annual.
National Seedsman.
National Seedsman Annual.
National Shade Tree Conference. Proceedings.
*Nature-Garden Guide.
*Nature Magazine.
New England Gladiolus Society. Yearbook and Supplement.
New England Gourd Society. Bulletin.
*New England Homestead.
*New England Naturalist.
New Flora and Silva.
New Jersey Federated Garden Clubs. Yearbook.
New Jersey State Horticultural Society. News.
New York Botanical Garden. Journal.
New York State, Federated Garden Clubs. Newsletter.
North and South Dakota Horticulture.
North Carolina, Garden Club. Yearbook.
Northern Nut Growers Association. Annual Report.
Northwest Gardens.
Oklahoma Gardener.
Ontario. Horticultural Societies. Annual Report.
Ontario. Vegetable Grower's Association. Annual Report.
*Open Shelf.
Orchid Review.
Orchis.
Oregon State Horticultural Society. Annual Report.



The garden set up by Richard A. Fraser and Edward W. Borst in the nurserymen's section at the Spring Flower Show, 1940.

The bog garden and huntsman's cabin set up by Harlan P. Kelsey, Inc., at the Spring Flower Show, 1940.

Ortofrutticoltura Italiana.
*Parks and Recreation.
Pennsylvania Horticultural Society. Yearbook.
*Philippine Journal of Agriculture.
Plant Breeding Abstracts.
Plant Science Literature.
La Pomologie Française.
Popular Gardening.
*Practical Gardener.
Real Gardening.
Reale Societa Toscana di Orticultura. Revista.
*Revista de Agricultura de Puerto Rico.
Revue Horticole.
Rhode Island Federation of Garden Clubs. Yearbook.
Rhodora.
Royal Caledonian Horticultural Society. Transactions.
Royal Horticultural Society. Daffodil Yearbook.
Royal Horticultural Society. Journal.
Royal Horticultural Society. Lily Yearbook.
S. A. G. (South African Gardening)
Saxiflora.
Scientific Horticulture.
Scottish Forestry Journal.
Seed Trade Buyers Guide.
Seed Trade News.
Seed World.
Seedling.
Shade Tree.
Smithsonian Institution. Annual Report.
*Société d'Horticulture de la Haute-Garonne. Annales.
Société Nationale d'Horticulture de France. Bulletin.
Société Royale de Botanique de Belgique. Bulletin.
South Carolina, Garden Club. Bulletin.
South Carolina, Garden Club. Yearbook.
South Dakota State Horticultural Society. Annual Report.
Southern Florist and Nurseryman.
*Southern Home and Garden.
Subtropical Gardening.
Success With Roses.
*Sunset.
*Tennessee Horticulture.
Tennessee State Horticultural Society. Annual Convention. Proceedings.

Torrey Botanical Club. Bulletin.
Torreya.
Tribune Horticole.
U. S. Department of Agriculture. Yearbook.
Verein zum Schutze der Alpenflanzen. Jahrbuch.
*Victoria, Australia. Department of Agriculture. Journal.
Virginia Garden Club. Yearbook.
*Waltham, Mass. Field Station. Vegetable Growers Journal.
Wild Flower.
Wisconsin Horticulture.
Worcester County Horticultural Society. Transactions and Schedule.
Your Garden and Home.
Zahradnické Listy.

Library Accessions

New books added to the library between January 1, 1939 and April 1, 1940.

*To be used only in the reading room.

HORTICULTURE

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Biles, R. E. Book of garden magic. 1935.

Blackburn, B. Your garden this week.

Bush-Brown, L. America's garden book. 1939.

Collins, A. F. Gardening for fun, health, and money. 1940.

Farrington, E. I. The gardener's almanac. 1939.

Hargrave, B. A year's gardening.

Home Gardening diary and year book. 1939.

Jones, W. N. Plant chimæras and graft hybrids. 1934.

Lawrence, W. J. C. and Newell, J. Seed and potting composts, with special reference to soil sterilization. 1939.

*Meager, L. The English gardener. 1670.

Nicol, H. Plant growth substances. 1938.

Patterson, S. Be your own gardener. 1940.

Roach, W. A. Plant injection for diagnostic and curative purposes. 1938.

Scruggs, Mrs. G. R., ed. Gardening in the south and west; rev. ed. 1939.

Sunset magazine. Sunset's complete garden book. 1940.

Yarbrough, J. A. Studies in propagation by foliage leaves (repr. from American journal of botany June 1932—April 1936).

Chemical culture

Connors, C. H. Chemical gardening for the amateur: gardening without soil made easy. 1939.

Dawson, C. D. and Dorn, M. V. Plant chemiculture: guide to experiments in growing plants without soil; 2d ed. rev. and enl. 1938.

——. Same; 3d ed. rev. and enl. 1939.

Matlin, D. R. Growing plants without soil. 1939.

Turner, W. I. Growing plants in nutrient solutions; or Scientifically controlled growth. 1939.

Garden club activities. Flower shows

Coombs, S. V. Garden club programs. 1938.

Lewis, B. W. How to exhibit flowers. fruit and vegetables. 1938.

Mount Royal garden club, Baltimore. Mount Royal garden blue book. 1937.

National Council of State garden clubs. Judging the amateur flower show; 2d ed. 1939.

Insects. Diseases

Compton, C. C. Greenhouse pests. 1930.
King, E. Garden creatures. 1939.
McDaniel, E. I. Insect and allied pests of plants grown under glass. 1931.
Parks, T. H. Control of garden insects and diseases. 1935.
Smith, K. M. Textbook of plant virus diseases. 1937.
Walker, J. C. Diseases of vegetable crops; rev. ed. 1939.
Weigel, C. A. Insects injurious to ornamental greenhouse plants. 1923.

Genetics. Plant breeding

Burbank, L. Partner of nature, ed. by W. Hall. 1939.
Crane, M. B. and Lawrence, W. J. C. Genetics of garden plants; 2d ed. 1938.
Hurst, C. C. The mechanism of creative evolution. 1932.
Sansome, F. W. and Philp, J. Recent advances in plant genetics; 2d ed. rev. and rewritten. 1939.
Sinnott, E. W. Principles of genetics; 3d ed. 1939.

Soils and fertilizers

Collings, G. H. Commercial fertilizers, their sources and uses; 2d ed. 1938.
Gustafson, A. F. Handbook of fertilizers; 3d ed. 1939.
Russell, E. J. Plant nutrition and crop production. 1926.
——. Soil conditions and plant growth; 7th ed. 1937.
Waksman, S. A. Humus, origin, chemical composition, and importance in nature; 2d ed. rev. 1938.

ORNAMENTAL PLANTS

General

*Arena, F. La nature e coltura de' fiori, fisicamente esposta in due trattati, con nuova ragioni, osservazioni, e sperienze. 1767-1768. 2v.
Barber, C. F. Our garden, and glimpses through its secret gate. 1939.
Cockayne, L. Cultivation of New Zealand plants. 1924.
Conn. federation of garden clubs. Project plants: suggested seeds, plants and shrubs for trial (with supplement) 1938.
Cornell, R. D. Conspicuous California plants, with notes on their garden uses. 1938.

Correvon, H. Champs et bois fleuris; 2e ed. 1937.
——. Fleurs des eaux et des marais. 1938.
Ghedini, L. Coltivazione cittadina de piante e fiori nei giardinetti e cortilli e sulle terraze, balconie finistre. 1937.
*Hibberd, S. New and rare beautiful leaved plants; 2d ed. 1891.
Hoyt, R. S. Check lists for the ornamental plants of subtropical regions. 1938.
Kilpatrick, V. E. The child's food garden, with a few suggestions for flower culture. 1918.
McAtee, W. L. Wildfowl food plants, their value, propagation, and management. 1939.
Nichols B., Green grows the city. 1939.
*Ragonet-Godefroy. La pensée, la violette, l'auricule ou oreille d'ours, la primevère, histoire et culture. 1844.
Shewell-Cooper, W. E. The garden pool. 1938.
Wells, A. L. Garden ponds, fish and fountains. 1937.

Special

Bailey, L. H. The garden of *larkspurs*. 1939.
Brown, J. R. *Succulents* for the amateur. 1939.
Buxton, B. R. *Begonias*. 1939.
Clifton, W. A. R. The *geranium,* its history and cultivation; 3d ed. rev. 1930?
Cook, L. J. Perpetual *carnations,* a handbook to their cultivation; 2d and rev. ed. 1938.
Cumming, A. Hardy *chrysanthemums*. 1939.
Dawson, R. B. Practical *lawn* craft. 1939.
Day, H. A. Flowers of the desert: how to grow *cacti* and other *succulent plants*. 1938.
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Franchet, A. *Nomocharis*.
Haselton, S. E. *Cacti* for the amateur; a complete guide in the interest of cactus collectors. 1938.
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Slate, G. L. *Lilies* for American gardens. 1939.
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Abbott, D. T. The indoor gardener. 1939.
Dakers, J. S. The modern greenhouse, a new and practical guide to the management of the warm and cool greenhouse, 1938.
Macself, A. J. The amateur's greenhouse; 2d ed. 1937.
Shewell-Cooper, W. E. Home, window and roof gardening. 1938.

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Hornibrook, M. Dwarf and slow-growing conifers; 2d ed. rev. 1939.
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Rowntree, L. Flowering shrubs of California and their value to the gardener. 1939
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ECONOMIC PLANTS

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Chester county (Penn.) mushroom laboratory. Manual of mushroom culture; 2d ed. 1938.

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Thomas, W. S. Field book of common mushrooms; new and enl. ed. 1936.

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Spencer, A. P. Florida vegetables. 1937.

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*Entoma; ed. 3: a directory of insect pest control. 1939.
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*Manning, J. W. Plant buyer's index; 4th ed. 1939.
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Garden Clubs Not Members of the Massachusetts Federation

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The exhibit of the garden of Mr. and Mrs. Francis B. Crowninshield (Thomas Murray, gardener) in the Autumn Exhibition, 1939, at Horticultural Hall.

Necrology

The following is a list of the number of members of the Massachusetts Horticultural Society whose deaths were reported to May 1, 1940.

Mr. Frederick R. Abbe
Mr. William Abe
Mr. James E. Baker
Mrs. Ernest W. Brigham
Mr. Henry H. Browning
Miss Suzanne S. Center
Mrs. David Cheever
Mr. Henry T. Child
Mrs. Arthur E. Childs
Miss Helen M. Church
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Henri Correvon, Esq.
Mr. C. O. Crawford
Mr. Joseph B. Crocker
Mr. George B. Dabney
Mr. Philip W. Davis
Mrs. Stephen B. Davol
Mr. William Donald
Mr. Dana F. Dow
Mr. William Downs
Mrs. Maude C. Edmands
Mr. Charles F. Fairbanks
Rev. Merritt A. Farren
Mr. Wilton B. Fay
Miss Alice E. Fisher
Mrs. Walter Fogg
Miss Fanny Foster
Mrs. Max Friedman
Mr. Beverly T. Galloway
Mr. George P. Gardner
Mrs. Henry A. Getty
Mr. S. Alpheus Gilbert
Mr. Edward Graf
Mrs. David S. Greenough
Miss Sarah W. Griggs
Mrs. Charles H. Hall
Mr. Burt L. Hartwell
Mrs. Oliver S. Hawes
Mrs. Jennie Haynes
Miss Gertrude L. Hayward
Mr. Frederick C. Hersee
Mrs. Frank S. Hersom
Mr. Julius Heurlin
Mrs. Arthur N. Hood
Mrs. Henry N. Hudson
Mrs. Henry S. Hunnewell
Mr. Charles H. Innes
Mr. Isaac S. Kelley
Miss M. Louise Knight
Mrs. Willis F. Knowlton
Mr. Henry G. Lapham
Mr. Elbridge B. Lincoln
Miss Lucy Littell
Mrs. Charles H. Lord
Mr. John H. Lovell
Mr. Joseph Manda
Mr. Frederick H. Mansfield
Mrs. Frank Marshall
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Mrs. Edward Mellus
Mrs. J. L. Moore
Mr. Arthur M. Morse
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Mrs. Frederic R. Nourse
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Dr. John C. Phillips
Mrs. W. P. Pratt
Mrs. Charles D. Prescott
Mr. John R. Prescott
Mrs. Robert M. Read
Miss Anna Reymann
Rt. Rev. P. M. Rhinelander
Mr. Charles Ripley

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Miss Margaret B. Slade
Mrs. Edgar J. Smith
Mrs. Sidney R. Smith
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Mr. William W. Vaughan
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Mrs. Channing M. Wells
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Mr. G. Derby White
Miss Mabel M. Wilcox
Miss Flora B. Wright

The rose garden set up by the garden clubs, one of the outstanding features in Boston's 1940 Spring Flower Show.

MASSACHUSETTS HORTICULTURAL SOCIETY

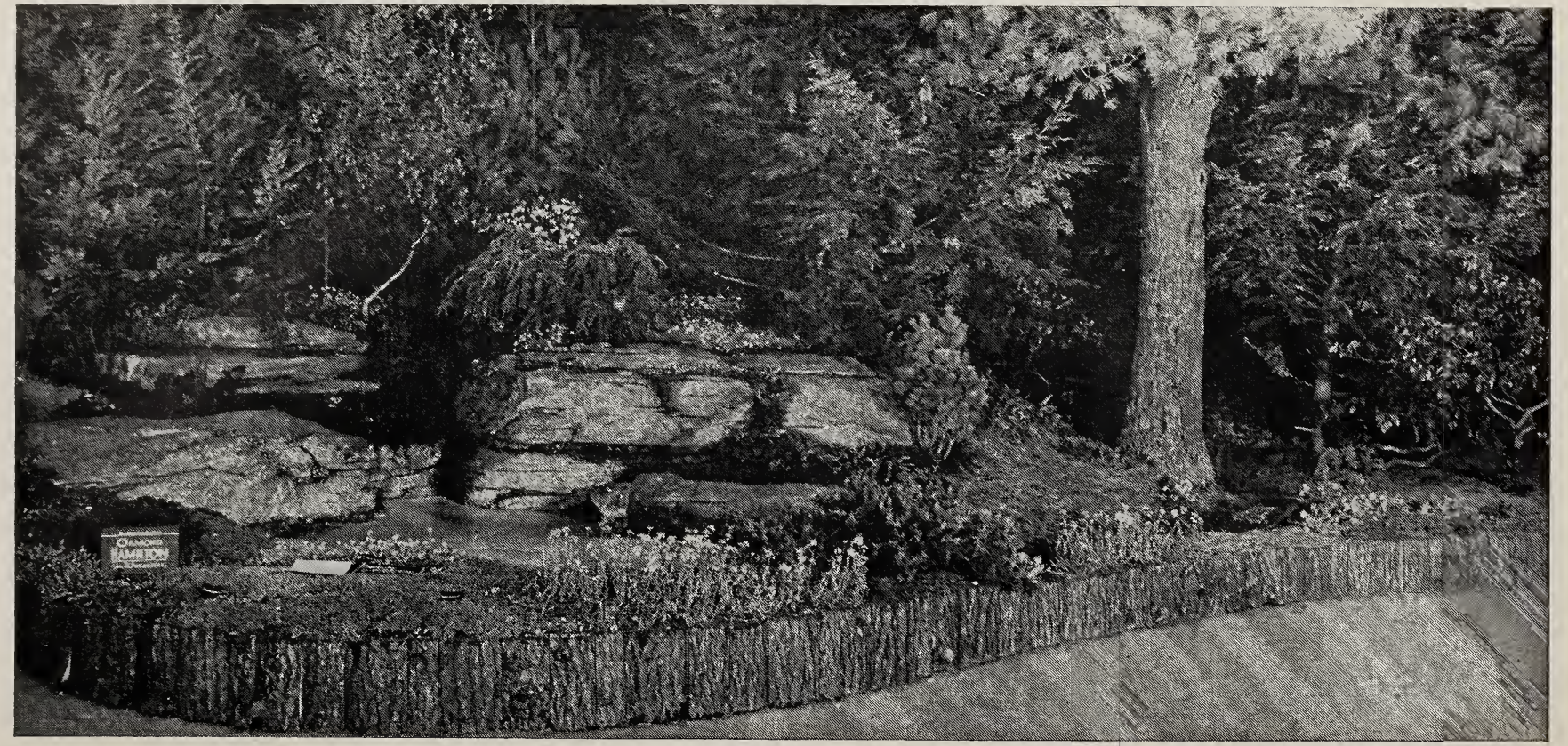
REPORTS

OF THE

OFFICERS AND COMMITTEES

PRESENTED AT THE

ANNUAL MEETING, MAY 6, 1940



This rock garden, set up by Ormond Hamilton at the 1940 Spring Flower Show in Boston, won the gold medal of the American Rock Garden Society as the best rock garden passed upon by the Society's judges at any one of the shows in Boston, Philadelphia and New York.

Annual Meeting, 1940

The annual meeting of the Massachusetts Horticultural Society was held in Horticultural Hall at 3 P.M. on Monday, May 6. In the absence of the president, Mr. Webster, the meeting was presided over by Mr. William Ellery, a vice-president. Mr. Ellery named as tellers Mr. Edwin F. Steffek and Miss Margaret Place and Miss Barbara Campbell. The secretary read the call for the meeting and the minutes of the previous annual meeting, after which Mr. Ellery read the president's address. Reports were then presented by the secretary, treasurer and various committee chairmen.

The President's Address

Just a year ago the society voted to increase the membership dues from two dollars a year to three dollars. This was done because falling revenues had brought about a deficit for the two preceding years. This action caused much speculation as to how it would affect the membership. It was expected, of course, that there would be some falling off and, as a matter of fact, now, at the end of one year, we know that we have lost about 1600 members. Notwithstanding this loss, the revenue from membership dues the past fiscal year has been larger than ever before in the society's history. It is felt by the trustees, therefore, that the action taken a year ago has been entirely justified by the results. As a matter of fact, the response from the larger part of our members has been altogether gratifying. Indeed, many members have written us to say that they felt that three dollars could not be spent to greater advantage than in the form of membership dues in this society.

An examination of the benefits to be derived from membership seems to warrant such a statement. Each member receives twenty-four issues of *Horticulture* each year, the privilege of attending the society's lectures, the privilege of drawing books from the library or having them sent by mail, a free ticket to the Spring show, a ticket to the Autumn show, and the privilege of receiving expert advice about any gardening problem which he or she may present.

We feel sure that we shall have the full co-operation of all our members the coming year in an endeavor to add substantially to our membership rolls. This society still has several thousand more members than any other organization of the

kind in the country, but has long had a total of 10,000 as its goal. There is good reason to believe that this goal will be reached in the not too distant future.

In the course of the year the society made one important physical change in the building by flooring over the upper half of the smaller exhibition hall, in this way obtaining a large amount of additional office room. This additional room was needed to accommodate various organizations wishing to have their headquarters here. The Garden Club Federation of Massachusetts had requested accommodations large enough to permit the Federation to employ a permanent secretary in order that it might carry on all its executive work here. This organization is now occupying a large room in the new section, which is reached from the mezzanine floor. The office is open each weekday except Monday from 9:00 a.m. to 4:30 p.m., with Miss Josephine Knowles in charge.

The other organizations which have been provided with new and permanent headquarters here are the Boston Mycological Club, the New England Gourd Society and the New England Gladiolus Society. No attempt is made to derive a profit from this arrangement. Each of these organizations pays merely a nominal rental at an amount about sufficient to cover our overhead.

The matter of connecting the building with the new subway has been under consideration for several months and this work probably will be done, inasmuch as the expense involved will not be large. The new subway provides for a passageway under Massachusetts Avenue from one sidewalk to the other, so that persons leaving Horticultural Hall and wishing to cross the street can reach the Symphony Hall side without going above ground. It is expected that this arrangement will make possible the use of both buildings by organizations holding large-scale conventions. The matter of holding the Spring flower show in the two buildings, because of the ease with which visitors can pass from one to the other, has been given some thought, but without arriving at any definite decision. Whatever may result from this proposal in the future, it has already been settled that next year's show will be held in Mechanics Building.

The Spring show and other matters pertaining to the society's exhibitions will be reported on by the chairmen of various committees. It gives me pleasure to say, however, that the Spring

show this year was much more successful in the matter of both attendance and revenue than the one last year. I must emphasize again, however, that a profit from this show is absolutely necessary if the various other shows throughout the season are to be kept free to the public, as they always have been. The importance of this show makes it necessary that business methods be applied to it. At the same time, the fact is always kept in mind that it must have genuine æsthetic and educational value.

Visitors to Horticultural Hall often are surprised at the great number and wide range of activities being carried on here. The secretary's date book shows no less than forty meetings, lectures, classes, sales, and various rentals in one month.

I appreciate the great amount of work which falls upon the staff at the Hall and upon certain of the committees, especially the Exhibition Committee, the Prize Committee, the House Committee, and the Library Committee. I wish, therefore, to extend my hearty thanks to the staff and committee members and to all the members of the society who have supported the work which we are doing. I realize that the society has many members who have no official position and who yet have been of great assistance to the organization, in some instances over a long term of years. My thanks and that of the full Board of Trustees is due them.

EDWIN S. WEBSTER, *President.*

Report of the Secretary

As the president has told you in his address, there has been a falling off instead of an increase in membership the past year. This is rather a new experience and one which the secretary and staff are working hard to change. The membership, however, still remains twice that of any similar organization in the country and will again start increasing in numbers, if the present members will extend their assistance by speaking to their friends about the many privileges which the society offers and by sending to the secretary the names of persons who might be interested, if given an invitation, to become a member.

The activities of the society have increased greatly and the request for advice, information, and help in various ways is taxing the capacity of the staff. This fact seems to bespeak a

growing interest in horticulture itself as well as in horticultural literature.

The president has mentioned the additional office space, made possible by extending the mezzanine floor over the small exhibition hall. The Garden Club Federation of Massachusetts, the New England Gourd Society, the New England Gladiolus Society and the Boston Mycological Club have established headquarters in the new offices, which they seem to find very satisfactory. The opening of the new rooms was made the occasion for an "Open House," a very pleasant event which was attended by about 1500 people. Almost all of the different organizations meeting here were represented on the committees which helped to make the affair the success which it proved to be.

A successful class in general horticulture is being conducted this Spring by Mr. George Graves. This is an innovation, but one which has been so well received that it is likely to be continued in future months.

The society is also conducting weekly radio broadcasts over Station WEEI. These broadcasts are given at 9:15 A.M. each Saturday morning with different speakers and a varied list of subjects. Many requests for printed copies of the broadcasts are being received and these printed copies are being sent out each week. Some of the broadcasts are being printed in *Horticulture* in order to give them a wider circulation.

The society has had one bequest in the past year, the amount being $200.

There has been an increase in the circulation of *Horticulture* in spite of the falling off in membership; the total number of each issue is now 32,000.

A series of one-dollar books, prepared under the secretary's direction, have been issued in the past year and have been widely distributed in the trade. One of them, an herb book by Mrs. Helen Noyes Webster, has proved so popular as to require a second edition. All of the books sponsored by the society are displayed in the secretary's office and are to be found in the library. They are *The Gardener's Omnibus* and *The Gardener's Travel Book; The Gardener's Almanac; The Vegetable Garden; Ernest H. Wilson, Plant Hunter; Rock Gardens; Herbs; Begonias and How to Grow Them.*

There has been a marked improvement in rentals in the past year and the revenue from that source will be increased to some

A "thunder house" in the midst of a bulb garden set up by Thomas Murray for Mr. and Mrs. Francis B. Crowninshield at the Spring Flower Show, 1940.

extent. A year ago the trustees voted to permit the resumption of rummage sales in this hall and the number of these sales now being conducted is surprisingly large. The charge made for the use of the halls is very moderate, however, inasmuch as all of these rummage sales are conducted for charitable purposes.

The secretary wishes to thank the officers and the trustees, as well as the staff, for the hearty support and co-operation given to him throughout the year. Little could be accomplished without such support and co-operation.

E. I. Farrington, *Secretary.*

Report of the Treasurer

STATEMENT OF FINANCIAL CONDITION AT DECEMBER 31, 1939

Assets

Cash in Banks and on hand		$ 35,441.15
Treasurer	$ 23,021.12	
Bursar: In bank	10,899.67	
On hand	10.00	
Savings bank deposits	1,510.36	
	$ 35,441.15	
Investments—Valued at cost		540,243.36
Capital assets—see note 1		574,067.82
Real estate	$498,564.63	
Improvements and additions to buildings	28,922.72	
Library	46,580.47	
	$574,067.82	
Deferred Charges: Spring show, 1940		4,475.54
		$1,154,227.87

Note 1—Depreciation on capital assets has not been provided for.

Liabilities and Capital Funds

Liabilities—Accounts payable		$ 255.20
Sundry Funds		451,351.73
Special uses: Principal	$162,913.73	
Unexpended income	8,594.70	
	$171,508.43	
General uses: Principal	279,843.30	
		$451,351.73

Life Membership Fees		$ 22,594.00
Mount Auburn Cemetery Fund		53,446.21
Library Cataloguing Fund		1,420.00
Capital		564,524.70
Surplus (Capital)		54,905.44
Balance, January 1, 1939	$ 47,006.11	
Add: Gains on sales of securities	7,899.33	
	$ 54,905.44	
Surplus (Earned)		5,730.59
Balance, January 1, 1939	$ 8,746.54	
Add: Miscellaneous receipts on 1938 Spring show	40.17	
	$ 8,786.71	
Deduct:		
Excess of expenditures over income $2,961.62		
Expenses paid on 1936 Spring show 3.90		
Expenses paid on 1938 Autumn show 90.60		
	3,056.12	
	$ 5,730.59	
		$1,154,227.87

STATEMENT OF INCOME AND EXPENDITURES

Income	*Year Ended December 31, 1939*		*Year Ended December 31, 1938*	
Income from investments and bank interest (less proportion allocated to restricted funds)	$23,491.10		$22,146.73	
Membership fees	17,633.50		15,963.17	
Rentals	3,880.94		2,764.51	
Spring show—1939	16,668.85		.....	
Spring show—1938	.....		19,458.50	
Incidentals	243.99		119.89	
Sundry donations	60.00		.....	
Lantern slides—income	.....		41.90	
Library catalogues	.....		2.00	
		$61,978.38		$60,496.70
Add: *Horticulture* income		1,090.99		409.74
		$63,069.37		$60,906.44

EXPENDITURES

Operating Expenses:				
Building expenses	$19,450.97		$17,526.59	
Library expenses	7,295.58		6,669.43	
Office and general expenses	32,392.18		31,865.44	
Misc. exhibition expense	4,993.05		4,920.51	
Autumn show—1939	1,077.94		.....	
Autumn show—1938	.....		1,357.15	
		$65,209.72		$62,339.12
Awards, Lectures, and Miscellaneous:				
Lectures	.....		329.90	
Medals and certificates	572.60		517.69	
Prizes in excess of funds	248.67		.....	
Banquet of the society	.....		53.50	
		821.27		901.09
		$66,030.99		$63,240.21
Excess of Expenditures Over Income—				
Transferred to Surplus Earned		$ 2,961.62		$ 2,333.77

INVESTMENTS AT DECEMBER 31, 1939

BONDS

		Rate %	*Maturity Date*	*Cost Value*
$15,000	Alabama Power Co.	5	6/1/51	$14,999.73
5,000	Allis Chalmers Manufacturing Co.	4	9/1/52	5,100.00
2,000	American European Securities Co.	5	5/1/58	1,910.00
13,000	Anaconda Copper Mining	4½	10/1/50	12,863.75
15,000	Atlantic Coast Line Railroad	4	7/1/52	14,608.11
15,000	Central Pacific Ry. Co. Through Short Line	4	10/1/54	14,943.75
15,000	Columbus Electric and Power Co.	5	11/1/54	14,700.00
15,000	Community Power & Light Co.	5	3/1/57	10,836.44
11,000	El Paso Electric Co.	5	6/1/50	11,465.17
15,000	Federal Light & Traction	6	3/1/42	15,507.88
15,000	Florida Power & Light Co.	5	1/1/54	12,979.21
15,000	Houston Gulf Gas Co.	6	4/1/43	15,672.58
15,000	Los Angeles Electric Co. Dept. Water and Power	3½	1/15/66	15,450.00
15,000	Louisiana Power and Light	5	12/1/57	15,634.39
15,000	Louisville and Nashville R. R.	4	7/1/40	16,151.86
15,000	Michigan Consolidated Gas Co.	4	9/1/63	15,102.50
5,000	National Distillers	3½	3/1/49	5,219.62
15,000	National Power & Light	6	8/1/2026	16,577.34

7,650	New Orleans Public Service	5	7/1/42	$ 8,007.18
5,000	North American Co.	3½	2/1/49	5,044.62
10,000	Panhandle Eastern Pipe Line	4	3/1/52	9,750.00
15,000	Penn-Ohio Edison Co.	6	11/1/50	12,113.91
14,000	Potomac Edison Co.	5	11/1/56	12,222.22
20,000	Puget Sound Power & Light Co.	5½	6/1/49	17,445.00
15,000	Railway and Light Securities 11th series	4¼	10/1/55	15,000.00
12,000	Scoville Mfg. Co.	5½	1/1/45	12,420.00
15,000	Union Pacific R. R. Co.	4	7/1/47	13,650.00
	Total bonds			$335,375.26

Stocks

Shares		
50	American Can Co.	$ 5,650.91
100	American Telephone & Telegraph Co.	14,766.96
100	American Tobacco "B"	10,200.23
200	Buffalo, Niagara & Eastern Power Co. 6.4% pfd.	4,150.00
150	Commercial Credit Corp. 4¼% com. pfd.	16,774.53
26	Commercial Credit Corp. common	
100	Consumers Power Co. $4.50 pfd.	10,050.00
265 136/600	Electric Bond and Share Co.	13,489.83
2,192	General Electric Co. common	
100	First National Bank of Boston	5,025.00
30	Fisk Rubber Co. pfd.	8,011.82
20	International Match Realization Co. Ltd. v.t.c.	3,761.25
500	National Power and Light Co. $6 pfd.	50,750.00
160	North American Co. $3 pfd.	6,871.50
100	Northern States Power Co. 7% pfd.	7,548.75
365 2/6	Radio Corporation of America Common	.....
500	Southern California Edison Co. 5½% pfd.	13,750.00
422	Tampa Electric Co.	14,657.32
100	U. S. Smelting, Refining & Mining Co. pfd.	6,750.00
200	United Fruit Co.	12,660.00
	Total stocks	$204,868.10

Summary

Bonds	$335,375.26
Stocks	204,868.10
Total	$540,243.36

SUNDRY FUNDS AT DECEMBER 31, 1939

Income to Be Used for Special Purposes

		Unexpended	
	Total	*Income*	*Principal*
Samuel Appleton Fund	$ 1,000.00	$.....	$ 1,000.00
Josiah Bradley Fund	1,000.00	.....	1,000.00
Albert Cameron Burrage—Library	34,037.22	4,037.22	30,000.00
Albert Cameron Burrage—Show	20,656.00	656.00	20,000.00
Albert Cameron Burrage—Porch Fund	1,523.12	273.12	1,250.00
John C. Chaffin Fund	1,000.89	.89	1,000.00
William N. Craig Fund	2,694.92	194.92	2,500.00
Benjamin B. Davis Fund	500.00	.....	500.00
Jackson Dawson Memorial Fund	3,553.66	326.66	3,227.00
John S. Farlow Fund	2,525.49	25.49	2,500.00
John S. Farlow Fund—Newton Horticultural Society	2,900.42	.....	2,900.42
Benjamin V. French Fund—No. 1	500.00	.....	500.00
Benjamin V. French Fund—No. 2	3,000.00	.....	3,000.00
John Allen French Fund	5,000.61	.61	5,000.00
John D. Williams French Fund	11,907.48	225.60	11,681.88
Henry A. Gane Memorial Fund	1,000.00	.....	1,000.00
H. H. Hunnewell Fund—No. 1	845.50	345.50	500.00
H. H. Hunnewell Fund—No. 2	2,148.87	148.87	2,000.00
H. H. Hunnewell Fund—No. 3	1,500.00	.....	1,500.00
Nathaniel T. Kidder Fund	5,000.00	.....	5,000.00
John A. Lowell Fund	1,000.00	.....	1,000.00
Theodore Lyman Fund—No. 1	1,000.00	.....	1,000.00
Theodore Lyman Fund—No. 2	10,000.00	.....	10,000.00
Benjamin H. Pierce Fund	935.09	135.09	800.00
Thomas Roland Fund	3,539.01	539.01	3,000.00
John Lewis Russell Fund	1,456.08	456.08	1,000.00
Show Fund	36,200.00	.....	36,200.00
William J. Walker Fund	2,355.05	.62	2,354.43
Levi Whitcomb Fund	505.00	5.00	500.00
George Robert White Fund	11,214.02	1,214.02	10,000.00
Marshall P. Wilder Fund	1,010.00	10.00	1,000.00
Total—Exhibit A	$171,508.43	$8,594.70	$162,913.73

Income to Be Used for General Purposes

Anonymous Funds	$ 1,000.00	$ 1,000.00
Albert Cameron Burrage Fund	1,200.00	1,200.00
John Chaney Fund	1,000.00	1,000.00
Helen Collamore Fund	5,000.00	5,000.00

Arthur F. Estabrook Legacy	$ 50,000.00	$ 50,000.00
Ida F. Estabrook Legacy	11,638.76	11,638.76
Caroline S. Freeman Fund	10,000.00	10,000.00
Frances Brown Hayes Bequest	189,904.54	189,904.54
Frances Brown Hayes Fund	10,000.00	10,000.00
Margaret Whitney Legacy	100.00	100.00
Total	$279,843.30	$279,843.30

INCOME AND EXPENSES OF THE SPRING SHOWS IN 1939 AND 1938

Income	*Spring Show, 1939*	*Spring Show, 1938*
Tickets:		
Regular admissions	$40,812.90	$47,216.85
Trade tickets	3,060.75	3,642.25
Students' tickets	96.50	97.75
Members' tickets	8,001.25	9,340.80
Garden Club tickets	11,321.65	10,788.75
	$63,293.05	$71,086.40
Trade space	9,312.87	9,827.15
Restaurant	1,008.24	1,140.47
Flower booth	5,136.07	4,561.69
Less: Flower booth expense	4,048.76	3,694.86
	1,087.31	866.83
Programs	1,705.51	1,974.44
Check room	301.05	504.25
Supplies sold	813.65	.....
Less: Cost of supplies sold	781.55	.....
	32.10	.....
Allied Arts Commission	.....	25.00
Miscellaneous	.30	.....
	$76,740.43	$85,424.54
Expenditures		
Carting	$ 182.50	$ 278.28
Committee expense	42.50	204.75
Committee fees	295.00	225.00
Decorating	2,455.93	10,213.85
Garden Club expense	7,100.00	750.00
Insurance	231.58	331.58
Judges' expense	1,056.31	406.39
Labor	2,648.66	3,170.75
Manager's commission and salary	4,104.32	4,411.22
Manager's expenses	105.55	90.17
Music	139.37	1,490.00
Plant material and forcing	667.25	2,345.85

Police	$ 400.00		$ 500.00	
Postage, stationery and supplies	596.37		511.45	
Printing	414.18		493.77	
Prizes, medals and certificates	16,781.11		19,965.95	
Publicity	8,504.62		8,936.65	
Rentals	8,304.64		9,811.92	
Rubbish removal	300.00		300.00	
Telephone	115.07		150.14	
Wheel chairs—net	40.10		35.85	
Miscellaneous	5,586.52		1,342.47	
		60,071.58		65,966.04
Excess of Income Over Expenditures		$16,668.85		$19,458.50

AUTUMN SHOW, 1939

Income

Tickets	$2,206.80	
Decorating	39.30	
Miscellaneous	25.15	
		$2,271.25

Expenses

Salary	60.00	
Advertising	330.95	
Signs	22.07	
Printing	18.50	
Supplies	27.50	
Postage	83.75	
Prizes	2,284.00	
Garden awards	275.00	
Medals and certificates	9.92	
Prize committee fees	50.00	
Judges' expense	35.00	
Exhibition committee's fee	35.00	
Decorating	82.00	
Incidentals	35.50	
		3,349.19
Net Loss		$1,077.94

MISCELLANEOUS EXHIBITION EXPENSE

	Year Ended December 31, 1939	*Year Ended December 31, 1938*
Salary	$3,266.80	$3,260.00
Printing	502.50	462.00

Stationery and postage	$ 13.04	$ .....
Supplies	245.53	266.71
Advertising	104.00	125.00
Exhibition committee fees	210.00	260.00
Prize committee fees	120.00	115.00
Traveling	201.86	117.11
Judges' expense	42.55	.....
Decorating and signs	187.50	.....
Repairs	34.64	.....
Incidentals	64.63	220.88
Miscellaneous	.....	93.81
Total	$4,993.05	$4,920.51

LIBRARY EXPENSES

	Year Ended December 31, 1939	*Year Ended December 31, 1938*
Salaries	$5,373.98	$5,039.78
Binding and repairs	1,356.16	1,373.15
Books and periodicals	2.73	2.47
Printing	59.50	40.60
Stationery and postage	157.16	57.83
Supplies	520.99	144.25
Insurance	9.60	9.60
Incidentals	.75	1.75
Repairs	28.50	.....
	$7,503.91	$6,669.43
Less: Income from Nathaniel T. Kidder Fund	208.33	.....
Total	$7,295.58	$6,669.43

OFFICE AND GENERAL EXPENSES

	Year Ended December 31, 1939	*Year Ended December 31, 1938*
Salaries	$18,712.51	$18,773.81
Stationery and postage	2,274.93	2,668.72
Printing	1,483.51	1,227.84
Supplies and equipment	611.71	362.58
Telephone and telegraph	816.43	740.39
Traveling	211.21	117.30
Subscriptions of members to *Horticulture*	6,446.19	6,650.19

Incidentals	$ 352.80	$ 712.82
Repairs	74.99	84.95
Photos and slides	528.55	.....
Publicity	386.40	.....
Binding	13.75	.....
Miscellaneous	479.20	526.84
Total	$32,392.18	$31,865.44

"HORTICULTURE"

STATEMENT OF INCOME AND EXPENSES

Income	*Year Ended December 31, 1939*		*Year Ended December 31, 1938*	
Advertising	$25,251.10		$24,184.14	
Subscriptions	26,345.60		23,677.80	
Books	2,849.02		438.75	
Garden Club News	4,998.08		3,907.83	
Royalties and commissions	1,358.65		499.21	
Miscellaneous	283.69		297.31	
		$61,086.14		$53,005.04
Expenses				
Printing	$22,954.56		$19,129.56	
Paper	10,335.66		10,505.01	
Cuts	3,005.00		2,833.79	
Wrappers	396.42		425.91	
Postage	4,777.97		4,649.31	
Books	1,844.06		118.58	
Garden Club News	3,373.61		3,169.61	
Commissions and discounts	4,409.42		3,963.68	
Contributions	1,756.26		1,518.78	
Salaries	4,091.02		4,084.00	
Miscellaneous	3,051.17		2,197.07	
		59,995.15		52,595.30
Net Income		$ 1,090.99		$ 409.74

Note—The financial records of *Horticulture* are kept on a cash receipts and payment basis. The amounts due from advertisers and others, and the indebtedness for paper, printing, etc., are not reflected in the above statement.

The restful garden set up by the Bay State Nurseries in the nurserymen's section of the Spring Flower Show, 1940.

BUILDING EXPENSE

	Year Ended December 31, 1939	*Year Ended December 31, 1938*
Labor	$10,909.30	$10,767.00
Supplies	342.65	211.05
Heating	1,424.09	1,294.64
Lighting	1,612.34	1,440.32
Repairs and upkeep	2,486.20	1,693.95
Insurance	1,793.69	1,448.99
Incidentals	882.70	670.64
Total	$19,450.97	$17,526.59

Respectfully submitted,

JOHN S. AMES, *Treasurer.*

Report of the Library Committee

During 1939, the services of the library increased substantially, notwithstanding a falling off in the number of applications for membership in the society. About 980 active borrowers, some of them living as far away as Florida and Michigan, make use of the library in the course of a year. Our only measure of activity is the number of books loaned. In 1939, we loaned 5087 volumes, a decrease of only 135 from the preceding year.

At the end of 1939 the book collection comprised 26,377 bound volumes, 522 of which were added during the year. Several gifts were received which, in addition to books, included nursery catalogues and autochrome plates.

An unusually large number of books was published during the year, and the quality, on the whole, was above the average. These books have been in constant demand. Borrowers on the waiting list have been supplied as fast as possible, partly by the purchase of extra copies of the more popular publications. Unless a book is of only passing interest, we have been able to provide a copy for every six readers, in contrast with the Boston Public Library, which had a demand of eighty readers a copy for a certain "best seller."

Even though we mail more than thirteen hundred packages a year, we lose very few books. An inventory made last Winter

showed one hundred and three volumes missing from the shelves. Forty-one of these were carried over from the inventory of 1934, leaving sixty-two, or an average loss of twelve volumes a year. Some of these losses are accounted for, and others are sure to be explained in the course of time.

The European war has forced magazines into temporary suspension or merging in a few cases, especially in France, but the publication of books and magazines in England has been almost normal.

The prizes offered by *Horticulture* for garden club year-books have brought to us a collection of club year-books of exceptional interest and value. After prizes are awarded the year-books are always placed on exhibition, and constitute one of the most successful displays of the year. Club officers, program chairmen, and members study them eagerly. This year we expanded the usefulness of these year-books by forming three travelling-collections. Since December these collections have been in constant demand. Calls for them have come even from California and Alabama, and reservations have already been made for next September. The collections go to other horticultural societies, to garden centres, and to individual clubs, where they are again used in planning future activities.

The most important event to be reported is the beginning of the reclassification and recataloguing of the library. Every active library must do this work since the borders of knowledge are constantly expanding, and as the use and significance of a collection of books also changes. An old-fashioned shelving system and catalogue soon become unwieldly and difficult to use. They are wasteful of time and energy as they leave too much to the personal knowledge of the staff. Our own librarian has been constantly working against these obstacles while the activities of the library have steadily increased. The task of modernization is being performed without interruption of the services rendered to readers, and as rapidly as circumstances permit.

OAKES AMES, *Chairman.*

Report of the Committee on Exhibitions

With the increased efficiency of organization, thanks to the full co-operation of Mr. Farrington, who has attended most of the meetings, and exhibition manager, Mr. Nehrling, fewer meetings were necessary than in the previous year. Mr. Nehrling's work in organizing the data to be considered by the committee has been remarkably efficient. Thirteen meetings were held, two of them being joint meetings with the Prize Committee. Considering the great amount of detail work with which the committee is charged, it is distinctly gratifying that we have been able to reduce the number of regular meetings. All meetings have been well attended. Factors that have favored the efficiency of the committee work have been not only the co-operation received from officials of the Horticultural Society, including President Edwin S. Webster, but the excellent attendance records by individual members of the committee, their careful and critical consideration of the multitudinous problems presented to the group, and the co-operation we have received from the Prize Committee and exhibitors.

The policies outlined in the last report of this committee have been consistently followed as to standards of exhibits, principles and policies of the society, objectives of the various exhibitions, and the educational, practical, and horticultural value of the shows. It has been fully realized that to attract and hold the public attention at the larger exhibits, color and attractiveness is essential, yet at the same time the educational features of the shows have not been sacrificed or overlooked in any significant detail to attain a more or less spectacular end.

It is realized that with sufficient financial support greater and possibly more numerous shows could be arranged, but in all its deliberations the committee has constantly kept in mind the maxim that under no circumstances should it exceed the budget in authorizing expenditures for exhibition purposes. It has kept within the budget for the year, and is in the favorable position of being able to report that the profits from the Spring Show were in excess of the estimates, and that this fortunately favorable balance enables the society to meet its obligations without retrenchment and to finance the numerous smaller shows for which no admission charge is made. It is

The remarkable amaryllis exhibit which won the President's Cup for William T. Walke and Sons at the Spring Flower Show in 1940.

fortunate, indeed, that the Society is thus in a position to serve horticultural interests outside of its own membership in the interests of public service and education.

During the year the following shows were held, the attendance for each indicated except in one case where no record was kept: Camellia Show; Daffodil Show (including an Azalea exhibit on the third day) 3,096; Tulip Show, 2,745; June Show, 5,151; Gladiolus Show, 3,652*; Dahlia Show, 4,651*; Fruits and Vegetable Show, 7,611; Autumn Show, 7,063; Spring Show, 94,487. All the exhibitions except the Spring Show were held at Horticultural Hall.

All of the exhibitions attained the high standards of the society, thanks to the cordial co-operation that has prevailed between all groups and committees representing the society, and the individual exhibitors. The fact has already been mentioned that the great Spring Show was staged within its budgetary allowance, and it was, furthermore, one of the most attractive exhibits fostered by the society in recent years. It is not possible, within the limits of a short summary report, to mention all of the outstanding features of the various shows. Among the smaller exhibitions, the Fall Fruit and Vegetable Show was one of the most outstanding exhibits staged in Horticultural Hall in many years, and the regular Autumn Show was most attractive. In those shows devoted to individual groups, such as the Camellia, Daffodil, Tulip, Gladiolus *and Dahlia Shows,* the society enjoyed the full co-operation of a large number of individuals and organizations specializing in this or that particular group.

At the Spring Show very full and cordial co-operation was received from the Massachusetts Nurserymen's Association that sponsored the most attractive exhibits in Grand Hall; everybody concerned did his very best to make the displays attractive, educational, and outstanding, and those who were fortunate to see the exhibition have a full realization of the vast amount of work involved in attaining an attractive whole; —this could only have been accomplished through cordial and hearty co-operation on the part of all concerned. To the garden

*The gladiolus show and the dahlia show were staged by the New England Gladiolus Society and the Dahlia Society of New England respectively, with the co-operation of this committee.

clubs we are also indebted for the most attractive rose garden staged under their auspices and for the flower arrangements. The nature trail sponsored by Mrs. S. V. R. Crosby and staged by W. C. Curtis, was an educational exhibit of distinct value; and in the field of education it is felt that mention should be made of the remarkable soilless culture exhibit staged by the Waltham Field Station of the Massachusetts State College, which was thronged with visitors from the opening to the closing hour each day.

The Exhibition Committee is especially grateful for the full and hearty co-operation it has received from the Prize Committee, the policy of holding certain joint meetings of the two committees each year being most fruitful. In this connection, Mr. William Ellery has given generously of his time and has been a constant attendant at the meetings of our committee. In its dealings with individual exhibitors, representatives of commercial organizations, estate owners, and organizations interested in particular groups of plants, all of whom are interested in the attractiveness and the success of the numerous shows sponsored by the Massachusetts Horticultural Society, the Exhibition Committee has maintained most cordial relations, and our success as a committee is largely due to the prevailing spirit of co-operation that is so essential to the success of the organization as a whole. The general attitude of the committee has been careful to consider all propositions appertaining to exhibits, to listen to complaints and protests with an open mind, to make such adjustments as seem to be mutually satisfactory, and to work for the best interests of all concerned.

The committee is always interested in reactions of the public in reference to special and general exhibits, welcomes constructive criticisms and suggestions on the part of exhibitors, and its general policy is an open and unprejudiced attitude towards all problems that come before it. The chairman is grateful for the constant and disinterested labors of all members of the group who have devoted their best efforts to furtherance of the work with which the committee is charged.

RAY M. KOON, *Chairman.*

Report of the Committee on Prizes

As your Committee on Prizes has acquired more experience and the work has been further systematized, less confusion has been apparent during the various shows this year. There have been almost no protests of any kind. The committee feels that the credit for this fine record should go partly to the judges who have served during the past year, for their fine impartiality in judging, and partly to the many exhibitors for their co-operative attitude. A mutual spirit of helpfulness and friendliness has animated both groups.

During the year there have been nine shows with a total of 121 judges serving. This number includes, of course, some names more than once. In many fields, only a limited number of judges is available.

As many of the members of the society know, we maintain a card index of judges who are expert in various classes of judging. The committee is always in need of new names for this file and we cannot urge your co-operation in this matter too strongly. The longer the list, the fewer times will we need to ask judges to repeat. This list should be as comprehensive as possible.

This year, the committee has continued the policy of awarding gold medals only to really outstanding exhibits of the highest distinction. However, we have felt that there were more such exhibits than usual this year; therefore, 36 gold medals have been awarded. All but nine of these medals were awarded at the Spring show. Thirty-four silver medals and 13 bronze medals were also given out during the year.

The only change in our methods has been the increased number of joint meetings with the Committee on Exhibitions. The two committees have met together several times and this has resulted in much closer co-operation. In the past, the two committees have not always been fully conscious of the necessities and complications of each other's work. This new system has obviated any feeling of lack of co-operation between the two committees.

Another progressive step has been the new practice of sending reports of the meetings of both committees to all the members of both committees. With such complete understand-

ing we feel that future committees can work together very closely for constantly improving shows.

The Committee on Prizes is very grateful for the friendly helpfulness of the Trustees, the staff of Horticultural Hall and the society's members in general. We feel sure that same helpful attitude will continue toward the new committee.

JAMES METHVEN, *Chairman.*

Report of the Committee on the Exhibition of the Products of Children's Gardens

In spite of the extremely dry 1939 growing season all available space in Horticultural Hall was occupied by the exhibits of the products of the children's gardens at the annual exhibition. Entries exceeded the number for 1938 and the quality of the flowers and vegetables was outstanding, when one considers the season and the age and experience of the exhibitors.

In the school and home garden section the children of the Boston public schools won many prizes. The children from the Brockton schools staged excellent exhibits and had the second largest number of entries. The class for a roadside stand of fruits, vegetables and flowers attracted a number of new exhibitors, thus making real competition. The stand staged by the Jamaica Plain High School, Boston, received the first prize.

The judges had a real job on their hands in some of the individual classes, where there were many entries. Green tomatoes seemed very popular and that class, alone, had about 90 entries.

Class No. 6, introduced in 1938 for the first time, also showed a marked increase in entries. This is for educational exhibits demonstrating some phase of gardening.

The 4-H Club section had more than the usual number of exhibits in both vegetable and flower classes. While entries in individual classes were less than in the school and home garden section, the quality of the exhibits was outstanding. Without any question some of the winning plates would have been winners in the adult shows.

The judging contest held on Friday morning attracted over fifty contestants from various parts of Massachusetts. Any one exhibiting in the show, whether a 4-H club member or not,

was eligible to participate in this contest and compete for medals offered by the State Department of Agriculture.

Considering the very unfavorable season, the show far exceeded the expectations of the committee.

As in former years, I offered 30 medals in 1939 for boys and girls under 18 years of age who maintained their gardens in the best condition during the season.

A list of those to whom the medals were awarded appears in the list of awards on another page in this Year Book. These medals are greatly appreciated by the young men and women and, I am sure, have done much to encourage better gardening throughout the state.

MARIAN ROBY CASE, *Chairman.*

The Result of the Balloting

At 6 P. M. the polls were closed, 86 votes having been cast, and the following were declared elected:

President, MR. EDWIN S. WEBSTER
Vice-President, MR. WILLIAM ELLERY
Trustees, MR. GEORGE W. BUTTERWORTH
MR. WINTHROP L. CARTER
MRS. JOHN GARDNER COOLIDGE
MRS. S. V. R. CROSBY
MR. WALTER HUNNEWELL

Miss Elizabeth Woolley presenting the popularity trophy to Harlan P. Kelsey for his bog garden at the 1940 Spring Flower Show in Boston.

Massachusetts Horticultural Society

CORRESPONDING MEMBERS

1925 Rudolph D. Anstead, Bournemouth, England.

1889 Dr. L. H. Bailey, Ithaca, New York.

1925 F. R. S. Balfour, F.L.S., Dawyck, Stobo, Tweeddale, Scotland.

1911 W. J. Bean, 2, Mortlake Road, Kew, England.

1918 Désiré Bois, Paris, France.

1925 I. H. Burkill, F.L.S., "Clova," Fetcham Park, Leatherhead, Surrey, England.

1921 Fred J. Chittenden, Royal Horticultural Society, Vincent Square, Westminster, London, England.

1925 Woon Young Chun, Sun Yat Sen University, Canton, China.

1925 G. W. Darnell-Smith, Director of the Sydney Botanic Gardens, Sydney, New South Wales.

1925 Henry F. duPont, Winterthur, Delaware.

1925 Pierre S. duPont, Wilmington, Delaware.

1925 Charles C. Eley, M. A., F.L.S., Suffolk, England.

1925 G. Fraser, Ucuelet, Vancouver Island, British Columbia.

1925 W. G. Freeman, B.S.C., F.L.S., Imperial Institute, South Kensington, London S.W.7, England.

1918 Professor N. E. Hansen, Brookings, South Dakota.

1911 Professor U. P. Hedrick, Geneva, New York.

1925 Sir Arthur W. Hill, K.C.M.G., F.R.S., F.L.S., Royal Botanic Gardens, Kew, Surrey, England.

1925 Professor H. H. Hu, Fan Memorial Institute of Biology, Peking, China.

1925 Mrs. C. L. Hutchinson, Lake Geneva, Wisconsin.

1925 Charles W. Knight, Oakdale, New York.

1921 C. E. Lane-Poole, Canberra, Australia.

1925 C. C. Laney, Rochester, N. Y.

1911 M. Émile Lemoine, Nancy, France.

1925 Sir J. S. Maxwell, Bart, K.T., Pollok House, near Glasgow, Scotland.

1918 J. Horace McFarland, Harrisburg, Pennsylvania.

1925 John McLaren, San Francisco, California.

1925 Mrs. William Mercer, Doylestown, Pennsylvania.

1925 Dr. Kingo Miyabe, Imperial University, Sapparo, Japan.

1898 Sir Frederick W. Moore, F.L.S., Willbrook House, Rathfarnham, Co. Dublin, Ireland.

1918 Dr. George T. Moore, Botanical Gardens, St. Louis, Missouri.

1925 F. Cleveland Morgan, Montreal, Canada.

1925 M. L. Pardé, Nogent-sur-Vernisson (Loiret), France.

1925 I. B. Pole-Evans, C.M.G., Chief of Division and Director, Botanical Survey, Pretoria, Transvaal, South Africa.

1906 Lt.-Col. Sir David Prain, C.M.G., F.R.S., F.L.S., Warlingham, Surrey, England.

1925 Miss Isabella Preston, Ottawa, Canada.

1925 Johannes Rafn, Skovfrokontoret, Copenhagen, Denmark.

1906 Dr. Henry N. Ridley, C.M.G., F.R.S., F.L.S., M.A., Kew, Surrey, England.

1925 Camillo Schneider, c/o Gartenschonheit, Berlin-Westend, Germany.

1925 F. L. Skinner, Dropmore, Manitoba.

1925 Sir William Wright Smith, F.L.S., Royal Botanic Garden, Edinburgh, Scotland.

1893 Professor William Trelease, Urbana, Illinois.

1918 F. Gomer Waterer, Knaphill, Surrey, England.

1925 Cyril T. White, Government Botanist, Brisbane, Queensland, Australia.

1921 Gurney Wilson, Secretary Royal Horticultural Society Orchid Committee, Vincent Square, London S.W.1, England.

1925 John C. Wister, Germantown, Philadelphia, Pennsylvania.

1925 Major A. C. T. Woodward, Bewdley, Worcestershire, England.

Bequest to the Massachusetts Horticultural Society

It is hoped by the Massachusetts Horticultural Society that it will not be forgotten by members who find it expedient to make their wills. This Society's financial condition is sound and its investments are good, but the income from many of its investments has declined because of decreased returns from its bond holdings. Expenses have naturally increased with the constantly growing membership, and more money is needed to extend the activities of the Society beyond its present limits. The following form of bequest is suggested:

FORM OF BEQUEST

I give and bequeath to the Massachusetts Horticultural Society located in Boston, Massachusetts, the sum of.....
.....to be used as the Board of Trustees may direct for the promotion of horticulture in its various forms and for extending the activities of the Society along educational lines.

Signed.....